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**Department of Defense  
Fiscal Year (FY) 2025 Budget Estimates**

March 2024



**Air Force**

*Justification Book Volume 2 of 2*

***Aircraft Procurement, Air Force***

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Air Force • Budget Estimates FY 2025 • Procurement

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Appropriation Language  
Fiscal Year (FY) 2025 President's Budget  
Aircraft Procurement, Air Force

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment, and training devices, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents, transportation of things, and overseas operations costs, \$19,835,430,000 to remain available for obligations until September 30, 2027.

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Department of the Air Force  
 FY 2025 President's Budget  
 Exhibit P-1 FY 2025 President's Budget

Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
<b>Budget Activity 01: Combat aircraft</b>									
<b>Strategic Offensive</b>									
1	B-21 Raider	A	U		(1,466,458)		(1,970,258)		(2,664,668)
	Less: Advance Procurement (PY)				(-168,027)		(-353,165)		(-708,000)
					<b>1,298,431</b>		<b>1,617,093</b>		<b>1,956,668</b>
2	B-21 Raider								
	Advance Procurement (CY)				413,165		708,000		721,600
	C (FY 2023 for FY 2023) (M)				(60,000)				
	C (FY 2023 for FY 2024) (M)				(353,165)				
	C (FY 2024 for FY 2025) (M)						(708,000)		
	C (FY 2025 for FY 2026) (M)								(721,600)
<b>Tactical Forces</b>									
3	F-35	A	U	43	(4,736,604)	48	(5,113,823)	42	(4,876,156)
	Less: Advance Procurement (PY)				(-491,136)		(-236,702)		(-402,000)
					<b>4,245,468</b>		<b>4,877,121</b>		<b>4,474,156</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

Department of the Air Force  
 FY 2025 President's Budget  
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Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force		Ident		FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
4	F-35								
	Advance Procurement (CY)				236,702		402,000		482,584
	C (FY 2023 for FY 2024) (M)				(236,702)				
	C (FY 2024 for FY 2025) (M)						(402,000)		
	C (FY 2025 for FY 2026) (M)								(410,200)
	C (FY 2025 for FY 2027) (M)								(72,384)
5	F-15EX	A	U	24	(2,619,687)	24	(2,934,039)	18	(2,036,472)
	Less: Advance Procurement (PY)				(-147,919)		(-264,000)		(-228,000)
					<b>2,471,768</b>		<b>2,670,039</b>		<b>1,808,472</b>
6	F-15EX								
	Advance Procurement (CY)				264,000		228,000		
	C (FY 2023 for FY 2024) (M)				(264,000)				
	C (FY 2024 for FY 2025) (M)						(228,000)		
	<b>Total Combat aircraft</b>				<b>8,929,534</b>		<b>10,502,253</b>		<b>9,443,480</b>

Budget Activity 02: Airlift aircraft

**Tactical Airlift**

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.



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Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
7	KC-46A MDAP	A	U	15	2,458,717	15	2,882,590	15	2,854,748
<b>Other Airlift</b>									
8	C-130J	A	U	16	1,775,293		34,921		2,405
9	MC-130J	A	U		17,481				
<b>Total Airlift aircraft</b>					<b>4,251,491</b>		<b>2,917,511</b>		<b>2,857,153</b>
 <b><u>Budget Activity 03: Trainer aircraft</u></b>									
<b>UPT Trainers</b>									
10	Advanced Pilot Training T-7A	A	U		10,507			7	235,207
<b>Total Trainer aircraft</b>					<b>10,507</b>				<b>235,207</b>

**Budget Activity 04: Other aircraft**

**Helicopters**

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
11	MH-139A	A	U	5	186,192	7	228,807	8	294,095
12	Combat Rescue Helicopter	A	U	20	1,205,995		282,533		162,685
<b>Mission Support Aircraft</b>									
13	C-40 Fleet Expansion	A	U					1	328,689
14	Civil Air Patrol A/C	A	U		11,600		3,013		3,086
<b>Other Aircraft</b>									
15	Pale Ale	A	U	1	56,500				
16	Target Drones	A	U	17	113,706	20	42,226	20	37,581
17	ULTRA	A	U					4	35,274
18	Compass Call	A	U	4	553,700				
19	E-11 BACN/HAG	A	U	1	66,847	1	67,367		

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
20	MQ-9	A	U		16,039				
21	RQ-20B Puma	A	U					6	11,283
<b>Total Other aircraft</b>					<b>2,210,579</b>		<b>623,946</b>		<b>872,693</b>
 <b><u>Budget Activity 05: Modification of inservice aircraft</u></b>									
 <b>Strategic Aircraft</b>									
22	B-2A	A	U		72,919		107,980		63,932
23	B-1B	A	U		36,313		12,757		13,406
24	B-52	A	U		70,303		65,815		194,832
25	Large Aircraft Infrared Countermeasures	A	U		44,743		21,723		52,117
 <b>Tactical Aircraft</b>									
26	A-10	A	U		83,972				

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Total Obligational Authority  
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 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
27	E-11 BACN/HAG	A	U		20,609		58,923		82,939
28	F-15	A	U		192,394		34,830		45,829
29	F-16	A	U		724,944		297,342		217,235
30	F-22A	A	U		719,933		794,676		861,125
31	F-35 Modifications	A	U		333,096		451,798		549,657
32	F-15 EPAW	A	U		259,837		280,658		271,970
33	KC-46A MDAP	A	U		467				24,954
<b>Airlift Aircraft</b>									
34	C-5	A	U		15,486		24,377		45,445
35	C-17A	A	U		133,779		140,560		103,306

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

Department of the Air Force  
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Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
36	C-32A	A	U		4,068		19,060		6,422
37	C-37A	A	U		6,062		13,454		9,146
<b>Trainer Aircraft</b>									
38	Glider Mods	A	U		149		5,270		2,679
39	T-6	A	U		6,215		2,942		130,281
40	T-1	A	U		6,262		10,950		2,205
41	T-38	A	U		89,385		125,340		115,486
<b>Other Aircraft</b>									
42	Spectrum Relocation Fund	A	U		-65				
43	U-2 Mods		U		81,650		54,727		69,806
44	KC-10A (ATCA)	A	U		1,722				

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 FY 2025 President's Budget  
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Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
45	C-12	A	U				446		
46	C-21	A	U		2,428				
47	VC-25A Mod	A	U		1,619		29,707		11,388
48	C-40	A	U		37,197		8,921		7,114
49	C-130	A	U		165,703		71,177		102,519
50	C-130J Mods	A	U		120,456		121,258		206,904
51	C-135	A	U		144,557		153,595		146,564
52	Compass Call	A	U		330,200		144,686		94,654
53	combat flight inspection - CFIN	A	U				446		
54	RC-135	A	U		234,224		220,138		222,966

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

Department of the Air Force  
 FY 2025 President's Budget  
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Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
55	E-3	A	U		29,187		1,350		68,192
56	E-4	A	U		5,973		13,055		28,728
57	H-1	A	U		1,757		816		2,097
58	MH-139A Mod	A	U						5,010
59	H-60	A	U		10,820		4,207		2,035
60	HH60W Modifications	A	U		3,083				28,911
61	RQ-4 Mods	A	U		193				
62	HC/MC-130 Modifications	A	U		111,285		101,055		213,284
63	Other Aircraft	A	U		43,086		54,134		55,122
64	Other Aircraft								
	Advance Procurement (CY)								5,216
	C (FY 2025 for FY 2027) (M)								(5,216)

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

Department of the Air Force  
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Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
65	MQ-9 Mods	A	U		211,453		98,063		12,351
66	Senior Leader C3 System - Aircraft	A	U		24,784		24,847		25,001
67	CV-22 Mods	A	U		153,026		153,006		42,795
<b>Total Modification of inservice aircraft</b>					<b>4,535,274</b>		<b>3,724,089</b>		<b>4,143,623</b>

Budget Activity 06: Aircraft spares and repair parts

**Aircraft Spares and Repair Parts**

68	Initial Spares/Repair Parts	A	U		664,394		781,521		936,212
<b>Total Aircraft spares and repair parts</b>					<b>664,394</b>		<b>781,521</b>		<b>936,212</b>

Budget Activity 07: Aircraft support equipment and facilities

**Common Support Equipment**

69	Aircraft Replacement Support Equip	A	U		133,882		157,664		162,813
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\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.



Department of the Air Force  
 FY 2025 President's Budget  
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Mar 2024

Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
<b>Post Production Support</b>									
70	Other Production Charges	A	U						15,031
71	Operational Support Aircraft Post-Production	A	U		10,000				
72	B-2A	A	U		1,802		1,838		1,885
73	B-2B	A	U		36,325		15,207		15,709
74	B-52	A	U		5,883				
75	C-5	A	U		20,600				
76	CV-22 Post Production Support	A	U						12,025
77	MC-130J	A	U				10,117		
78	F-15	A	U		2,764				
79	F-16	A	U						11,501

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
80	F-16	A	U		4,704		1,075		867
81	F-22A	A	U				38,418		
82	HC/MC-130 Modifications	A	U		20,000				18,604
83	MQ-9 Post Prod	A	U		7,069				
84	RQ-4 Post Production Charges	A	U		40,845				
<b>Industrial Preparedness</b>									
85	Industrial Responsiveness	A	U		35,328		18,874		20,004
<b>War Consumables</b>									
86	War Consumables	A	U		31,165		27,482		25,908
<b>Other Production Charges</b>									

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

Department of the Air Force  
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Total Obligational Authority  
 3010F Detail  
 (Dollars in Thousands)

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
87	Other Production Charges	A	U		1,308,195		1,478,044		1,006,272
89	Cancelled Acct Adjustments	A	U		97				
92	F-15EX	A	U						40,084
<b>Classified Programs</b>									
999	Classified Programs		U		18,092		17,165		16,359
<b>Total Aircraft support equipment and facilities</b>					<b>1,676,751</b>		<b>1,765,884</b>		<b>1,347,062</b>
 <b><u>Budget Activity 20: Undistributed</u></b>									
<b>Undistributed</b>									
93	Adj to Match Continuing Resolution	A	U				1,675,403		
<b>Total Undistributed</b>							<b>1,675,403</b>		
<b>Total Aircraft Procurement, Air Force</b>					<b>22,278,530</b>		<b>21,990,607</b>		<b>19,835,430</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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**Master Line Item Table of Contents (by Appropriation then Line Number)**

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21	04	05	Q020BR	RQ-20B Puma.....	Volume 1 - 135

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Air Force • Budget Estimates FY 2025 • Procurement

***Appropriation 3010F: Aircraft Procurement, Air Force***

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***Appropriation 3010F: Aircraft Procurement, Air Force***

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61	05	05	HAWK00	RQ-4 Mods.....	Volume 2 - 529
62	05	05	HCMC00	HC/MC-130 Modifications.....	Volume 2 - 557
63	05	05	OTHACF	Other Aircraft.....	Volume 2 - 597
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***Appropriation 3010F: Aircraft Procurement, Air Force***

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***Appropriation 3010F: Aircraft Procurement, Air Force***

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***Appropriation 3010F: Aircraft Procurement, Air Force***

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Department of the Air Force  
 FY 2025 President's Budget  
 Exhibit P-1 FY 2025 President's Budget  
 Total Obligational Authority  
 3010F BA Summary  
 (Dollars in Thousands)

Mar 2024

Appropriation: <b>Aircraft Procurement, Air Force</b>	<b>FY 2023</b>	<b>FY 2024 PB Request with CR</b>	<b>FY 2025 Request</b>
	<b>Actuals</b>	<b>Adjustments*</b>	
<b><u>Budget Activity</u></b>			
01. Combat aircraft	8,929,534	10,502,253	9,443,480
02. Airlift aircraft	4,251,491	2,917,511	2,857,153
03. Trainer aircraft	10,507		235,207
04. Other aircraft	2,210,579	623,946	872,693
05. Modification of inservice aircraft	4,535,274	3,724,089	4,143,623
06. Aircraft spares and repair parts	664,394	781,521	936,212
07. Aircraft support equipment and facilities	1,676,751	1,765,884	1,347,062
20. Undistributed		1,675,403	
<b>Total Aircraft Procurement, Air Force</b>	<b>22,278,530</b>	<b>21,990,607</b>	<b>19,835,430</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-5 RERP	P	6154	C-5 Reliability Enhancement and Re-Engining Program	3723.8											3723.8
<b>TOTAL FOR CLASS P</b>				3723.8											3723.8
<b>TOTAL FOR AIRCRAFT C-5 RERP</b>				3723.8											3723.8

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
Common VL Receiver Increment 2	P	Mod - 9830	COMM 2 Crypto and Data							0.1	4.1	4.2			8.3
<b>TOTAL FOR CLASS P</b>										0.1	4.1	4.2			8.3
<b>TOTAL FOR AIRCRAFT Common VLF Receiver Increment 2</b>										0.1	4.1	4.2			8.3

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
EQ-4B	P	EQ001	EQ-4B Mods	7.0											7.0
<b>TOTAL FOR CLASS P</b>				7.0											7.0
<b>TOTAL FOR AIRCRAFT EQ-4B</b>				7.0											7.0

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
FBLOST	P	FBLOST - 01	Family of Beyond Line-of-Sight Terminals	90.7											90.7
<b>TOTAL FOR CLASS P</b>				90.7											90.7
<b>TOTAL FOR AIRCRAFT FBLOST</b>				90.7											90.7

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars



## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
INCREMEN 3.2B	P	11100	INCREMENT 3.2B	295.2											295.2
<b>TOTAL FOR CLASS P</b>				295.2											295.2
<b>TOTAL FOR AIRCRAFT INCREMENT 3.2B</b>				295.2											295.2

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
MQ-1	P	4445	Aircraft PPDL	24.7											24.7
		4446	Differential GPS	4.7											4.7
		4447	Digital Video	20.8											20.8
		4451	VORTEX	31.3											31.3
		4452	GCS PPDL	106.9											106.9
		4453	GCS Modernization	36.4											36.4
		4457	IP Migration	33.1											33.1
		99999X	Low Cost Modifications	5.2											5.2
		PRDT02	PREDATOR A/B MODIFICATIONS	212.9											212.9
<b>TOTAL FOR CLASS P</b>				476.1											476.1
<b>TOTAL FOR AIRCRAFT MQ-1</b>				476.1											476.1

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
MQ-9 UAS Payloads	P	9169	Gorgon Stare	179.4				0.0	0.0						179.4
<b>TOTAL FOR CLASS P</b>				179.4				0.0	0.0						179.4
<b>TOTAL FOR AIRCRAFT MQ-9 UAS Payloads</b>				179.4				0.0	0.0						179.4

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
OC-135B	P	1900	Digital Visual Imaging System (DVIS)	15.2											15.2
		1901	ADS-B	3.5											3.5
<b>TOTAL FOR CLASS P</b>				18.7											18.7
<b>TOTAL FOR AIRCRAFT OC-135B</b>				18.7											18.7

Totals may not add due to rounding  
 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
B-2	P	110031	B-2 Trainer System Upgrade	64.8	7.0	16.7	1.1		1.1	1.2	1.2	1.2	1.2		94.4
		110032	LINK 16/CID/IFR		0.2	0.2	0.2		0.2	0.2	0.2	0.2	0.2		1.6
		110035	LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS	101.6	16.2	21.3	12.0		12.0	12.2	12.5	12.7	13.0		201.4
		110042	B-2 Battlespace Collaborative Combat Communications			20.3	3.2		3.2		12.9				36.4
		110043	110043/B-2 Advanced Communications	14.5		8.7	24.2		24.2	35.8	20.7				103.9
		110044	B-2 DMS / Displays		41.8	28.2	5.3		5.3	3.8	3.5	0.0	0.0		82.5
		110054	B-2 Flex Strike Phase 1	30.8											30.8
		110056	B61-12 Integration	39.5											39.5
		110057	MGUE	23.6	0.3		4.1		4.1						28.0
		110061	IFF Mode 5/S	0.3	3.8	10.6	12.2		12.2	4.1					31.1
		110062	Crash Survivable Memory Unit (CSMU)			0.5									0.5
		110065	B-2 GBU-57 MOP Integration	21.5											21.5
		8882	Common Very Low Frequency Terminal	61.1											61.1
		99999U	B-2 Low Cost Engine Modifications	18.0	1.1	0.8	0.8		0.8	0.8	0.9	0.9	0.9		24.2
		99999X	Low Cost Modifications	21.5	2.5	0.7	0.7		0.7	0.7	0.7	0.7	0.8		28.3
<b>TOTAL FOR CLASS P</b>				<b>397.2</b>	<b>72.9</b>	<b>108.0</b>	<b>63.9</b>		<b>63.9</b>	<b>58.9</b>	<b>52.5</b>	<b>15.8</b>	<b>16.1</b>		<b>785.4</b>
<b>TOTAL FOR AIRCRAFT B-2</b>				<b>397.2</b>	<b>72.9</b>	<b>108.0</b>	<b>63.9</b>		<b>63.9</b>	<b>58.9</b>	<b>52.5</b>	<b>15.8</b>	<b>16.1</b>		<b>785.4</b>

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## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
B-1	P	4280	Fully Integrated Data Links	419.6	10.4										430.0
		4284	CITS UPGRADE	128.8	4.7										133.5
		4291	B-1 TRAINING SUPPORT	5.9	0.1	0.5	0.5		0.5	0.5	0.5	0.9	0.9		9.9
		8971	VERTICAL SITUATION DISPLAYS	301.9	6.8										308.7
		92294	LAPTOP CONTROLLED TARGETING POD	89.6											89.6
		92314	MIDS-JTRS	10.8	6.6										17.4
		92316	Radio Crypto Compliance		7.7	12.3	2.8		2.8	2.2	0.5	0.5	0.5		26.5
		92317	IFF Mode 5/S ADS-B	9.8	0.0	0.0									9.8
		92319	External Pylons				10.1		10.1	10.4					20.4
		99999X	Low Cost Modifications	9.6	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		9.6
<b>TOTAL FOR CLASS P</b>				<b>976.0</b>	<b>36.3</b>	<b>12.8</b>	<b>13.4</b>		<b>13.4</b>	<b>13.2</b>	<b>1.0</b>	<b>1.4</b>	<b>1.4</b>		<b>1055.4</b>
<b>TOTAL FOR AIRCRAFT B-1</b>				<b>976.0</b>	<b>36.3</b>	<b>12.8</b>	<b>13.4</b>		<b>13.4</b>	<b>13.2</b>	<b>1.0</b>	<b>1.4</b>	<b>1.4</b>		<b>1055.4</b>

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
B-52	P	3265	B-52 Anti-Skid Replacement	22.9											22.9
		3310	B-52 Combat Network Communications Technology	635.8	5.3										641.0
		6885	AETC Trainers (B-52)	0.4	0.6	0.7	0.8		0.8	2.9	2.9	4.9	5.0		18.2
		6889	Bomber Tactical Data link	41.9	32.4	23.4	34.9		34.9	49.7	35.1	9.9	0.0	1.2	228.4
		6890	B-52 Radar Modernization				117.3		117.3	132.2	208.1	205.8	169.8	438.9	1272.1
		6891	B-52 WST AR Upgrade Trainer	0.9											0.9
		6892	B-52 Low Cost Improvements	20.3	0.5	0.7	2.7		2.7	2.8	2.8	2.9	3.0		35.7
		6893	GPS-IU Replacement	7.9	8.8										16.6
		6894	B-52 Crypto Modernization	3.5	10.8	14.1	8.5		8.5	28.6	30.3	11.5	9.9	60.5	177.6
		6896	B-52 VLF/LF Modernization	20.2	11.5	26.5	26.5		26.5	15.3	7.9	4.7	0.4	0.4	113.3
		6897	B-52 CERP				2.1		2.1	20.8	735.4	708.1	722.1	6811.2	8999.7
		6899	B-52 Quad Crew Initiative								8.7	32.4	23.3	28.5	92.9
		6900	Advanced Extremely High Frequency (AEHF)								46.8	52.3	54.8		153.9
		6901	Airspace Compliance							14.6	14.6	14.9			44.1
		99999X	Other Mods	22.7	0.5	0.4	2.0		2.0	0.4					26.0
<b>TOTAL FOR CLASS P</b>				<b>776.3</b>	<b>70.3</b>	<b>65.8</b>	<b>194.8</b>		<b>194.8</b>	<b>267.2</b>	<b>1092.7</b>	<b>1047.3</b>	<b>988.3</b>	<b>7340.5</b>	<b>11843.2</b>
<b>TOTAL FOR AIRCRAFT B-52</b>				<b>776.3</b>	<b>70.3</b>	<b>65.8</b>	<b>194.8</b>		<b>194.8</b>	<b>267.2</b>	<b>1092.7</b>	<b>1047.3</b>	<b>988.3</b>	<b>7340.5</b>	<b>11843.2</b>

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
LAIRCM	P	8629C130	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	15.7			0.1		0.1						15.8
		8629C130J	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	287.6	13.8	2.4	27.5		27.5	12.1					343.5
		8629C17	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	259.5	7.5	1.4	2.5		2.5	4.9	12.7	17.9	18.2		324.5
		8629C5	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	53.1			0.1		0.1						53.2
		8629CFIN	LAIRCM CFIN	7.5			0.1		0.1						7.6
		8629HC/MC/AC 130	LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130			0.4	9.1		9.1		5.1				14.6
		8629KC-135	LARGE AIRCRAFT INFRARED COUNTERMEASURES KC-135				0.1		0.1						0.1
		8629LC	Large Aircraft Infrared Countermeasures		11.4	6.8	7.2		7.2	3.7	3.4	3.8	3.9		40.2
		8629OSA EA	LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA		12.0	10.8	5.5		5.5						28.2
<b>TOTAL FOR CLASS P</b>				623.4	44.7	21.7	52.1		52.1	20.7	21.2	21.6	22.1		827.6
<b>TOTAL FOR AIRCRAFT LAIRCM</b>				623.4	44.7	21.7	52.1		52.1	20.7	21.2	21.6	22.1		827.6

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A-10	P	674809	A01000 Portable Automatic Test Set 70 A (PATS-70A)		10.5										10.5
		7856	MODE S/5	17.7											17.7
		9601	ONBOARD OXYGEN GENERATING SYSTEM (OBOGS)	43.2	1.0										44.2
		9804	A-10 Wing Replacement Program	423.8	36.3										460.1
		9806	A-10 Helmet Mounted Cueing System	5.5	6.3										11.8
		9816	A-10 Conversion Fuel Tanks	9.3											9.3
		9831	ARC-210 (Capability Improvement)	61.0	18.9										79.8
		9832	2ND GIGABET ETHERNET SWITCH (2GES) (Capability Improvement)	11.3	9.0										20.4
		9834	A-10 High Resolution Display System (HDRS)	7.6	1.0			0.0	0.0						8.6
		9836	3-Dimensional Audio (3DA)	8.2	1.0								0.0		9.2
		9839	SDB-1	4.7											4.7
		99999X	Low Cost Modifications	0.2											0.2
<b>TOTAL FOR CLASS P</b>				592.5	84.0			0.0	0.0				0.0		676.5
<b>TOTAL FOR AIRCRAFT A-10</b>				592.5	84.0			0.0	0.0				0.0		676.5

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E-11 Mods	P	E001	E-11 Mods	117.0	20.6	58.9	82.9		82.9	38.5	23.2	23.2	23.4		387.8
<b>TOTAL FOR CLASS P</b>				117.0	20.6	58.9	82.9		82.9	38.5	23.2	23.2	23.4		387.8
<b>TOTAL FOR AIRCRAFT E-11 Mods</b>				117.0	20.6	58.9	82.9		82.9	38.5	23.2	23.2	23.4		387.8

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F-15	P-S	8806	F-15 C/D Cabin Pressure Indicator	2.8											2.8
		8807	F-15 E Cabin Pressure Indicator	15.9	0.6										16.5
<b>TOTAL FOR CLASS P-S</b>				18.7	0.6										19.3
	P	_1202	F-15E Radar Modernization Program APG-82(V)1	1804.9	45.3										1850.3
		_1202B	Advanced Display Core Processor, ADCP II-E	179.3	36.8	12.5	7.4		7.4	23.9					260.0
		1203	F-15 C/D Secondary Power System (SPS)	7.5											7.5
		1205	:Advanced Display Core Processor ADCP II-C	186.5	0.0										186.5
		1206	F-15C Infrared Search and Track (IRST)	130.2	0.0										130.2
		1209	F-15 C/D Flight Data Recorder (FDR)	24.8											24.8
		1210	F-15E Flight Data Recorder (FDR)	142.5											142.5
		6158	F-15C/D APG-63(V)3 radar upgrade	1356.6											1356.6
		8353	F-15E -JOINT HELMET-MOUNTED CUEING SYSTEM	104.5											104.5
		8662	AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	8.2	0.3	1.2	1.3		1.3	1.3	1.3	2.2	2.3		18.1
		8754	F-15C/D IFF Mode 5	51.5											51.5
		8755	F-15E IFF MODE 5	65.3											65.3
		8756	F-15C/D Link 16 Cryptographic Modernization	0.0											0.0
		8794	F-15C/D Beyond Line Of Sight Communications	54.4											54.4
		8797	F-15C Passive Attack Sensor System	28.6											28.6

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		8798	5th to 4th Gen Gateway	3.7											3.7
		8799	F-15C MIDS JTRS	76.6											76.6
		8800	F-15E MIDS JTRS	124.9	28.3	10.2	2.3		2.3	14.1	10.6	12.2	13.1	80.2	295.9
		8801	F-15 C/D SLEP Longerons	46.7	13.9										60.6
		8804	F-15 F-15 E/MUOS	17.4	51.1	10.9	22.6		22.6	38.0	7.5				147.5
		8810	F-15E APG-82(V)1 Common Config	68.7											68.7
		8811	F-15E SATCOM UON	17.7											17.7
		8813	F-15E B61 A/C Umbilical	0.5											0.5
		8815	F-15C Simulator Upgrade	15.0											15.0
		8816	F-15C/D APG-63(V)3 Common Config	6.2											6.2
		8817	F-15E DTM II		16.0		12.0		12.0	24.2					52.3
		8825	F-15E M Code							16.6	28.3	6.1	6.2		57.2
		99999U	LOW COST RETROFIT MODS	7.3			0.1		0.1	0.1	0.1	0.1	0.1		7.8
		99999X	Low Cost Modifications	0.5	0.0		0.1		0.1	0.1	0.1	0.1	0.1	0.1	1.1
<b>TOTAL FOR CLASS P</b>				4530.3	191.8	34.8	45.8		45.8	118.3	47.9	20.8	21.8	80.3	5091.9
<b>TOTAL FOR AIRCRAFT F-15</b>				4549.0	192.4	34.8	45.8		45.8	118.3	47.9	20.8	21.8	80.3	5111.2

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F-16	P	602148	MMC and Display Generator Upgrade	50.0	39.3	47.9	28.4		28.4	38.6	20.2	0.0			224.3
		602600	F-16 LEGACY STRUCTURAL SLEP	284.2	94.0	133.9	61.5		61.5	59.5	62.0	60.6	63.4	545.1	1364.3
		618250	Comm Suite Upgrade	159.4	42.0	20.1	78.9		78.9	101.5	111.4	58.4	59.7	148.7	780.1
		633030	Aggressors Update	11.5				0.0	0.0						11.5
		633031	HFLCC AGCAS	84.5	28.7	2.4	8.0		8.0	25.5					149.1
		633032	AIFF MODE 5	0.3	3.0	5.3				58.2	52.8	22.3	10.8		152.5
		633033	M-Code								72.7	105.2	107.3		285.2
		633034	Secure Mission Data Systems		19.6	45.3	34.4		34.4	32.1	31.6	22.4	28.0		213.5
		633035	IVEWS		82.6										82.6
		633036	CDU		10.3	23.0				38.5	23.4	13.3	20.3		128.8
		633037	633037 - HMIT		0.2					3.3	13.2				16.6
		633038	RFC		0.4					14.6	13.1				28.1
		633039	Heads-Up Display (HUD)	20.0	40.0										60.0
		633041	Anti Jam	5.0											5.0
		633042	Missile Warning Systems	12.0											12.0
		661652	Link 16 Crypto	0.1											0.1
		661653	MIDS-JTRS	278.1	12.1	8.0				49.1	47.5	26.3	26.3		447.3
		694050	AESA Radars	1145.4	331.4	0.2				101.1	75.5	45.6			1699.3

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		704050	Digital Radar Warning Receiver (RWR)	16.2											16.2
		8662	AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	117.0	1.2	5.9	6.1		6.1	6.2	6.3	10.5	10.7		163.9
		866250	F-16 TRAINING SYSTEMS	102.2	20.2	1.1				0.3	0.3	0.3	0.3		124.8
		866251	Full Combat Mission Training	3.1											3.1
		99999X	Low Cost Modifications	12.6		4.3									16.8
<b>TOTAL FOR CLASS P</b>				2301.5	724.9	297.3	217.2	0.0	217.2	528.5	530.1	365.0	326.8	693.8	5985.2
<b>TOTAL FOR AIRCRAFT F-16</b>				2301.5	724.9	297.3	217.2	0.0	217.2	528.5	530.1	365.0	326.8	693.8	5985.2

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F-22	P	F22006	Reliability and Maintainability Program	1764.4	166.8	68.8	88.0		88.0	79.1	96.3	91.6	97.7		2452.8
		F22013	Link 16	247.6	15.6	39.2	38.4		38.4	30.6	5.8	0.8	0.8	0.6	379.5
		F22014	F119 Engine Modifications	106.0	1.5	3.9	0.1		0.1	4.5	4.8	4.9	5.0	4.6	135.2
		F22024	Trainers Modernization	144.9		9.6	3.6		3.6	11.7	3.7	9.9	3.7	3.8	191.1
		F22027	Crypto Modernization	16.5						39.0	65.7	39.5	48.6	10.3	219.5
		F22030	Mode 5 Challenge and Reply	96.0	58.1	122.5	128.3		128.3	95.6	43.7				544.3
		F22031	Viability							140.1	201.7	125.7	209.3	25.7	702.5
		F22033	Sensor Enhancement	80.1	477.8	459.7	456.1		456.1	447.9	471.9	471.8	398.5	1154.8	4418.8
		F22035	Low Drag Tanks and Pylons			60.1	110.1		110.1	92.6	88.8	74.0	10.8		436.5
		F22036	Controlled Reception Pattern Antenna (CRPA)			30.8	36.4		36.4	78.3	81.8	32.2	31.4		290.9
		F22037	Embedded Global Positioning System/Internal Navigation System-Modernized (EGI-M)								37.6	36.2	36.7	5.2	115.7
<b>TOTAL FOR CLASS P</b>				2455.5	719.9	794.7	861.1		861.1	1019.4	1101.8	886.7	842.6	1205.0	9886.9
<b>TOTAL FOR AIRCRAFT F-22</b>				2455.5	719.9	794.7	861.1		861.1	1019.4	1101.8	886.7	842.6	1205.0	9886.9

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## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
F-35 Mods	P	F3513	Block 3i LRIP 2-5 Upgrade	216.8											216.8
		F3514	Block 3F LRIP 2-5 Upgrade	9.6											9.6
		F3515	Block 3F LRIP 6-8 Upgrade	2.9											2.9
		F3516	Concurrency	906.4	1.0	16.9	13.6		13.6	13.1					951.1
		F3517	Correction of Deficiencies	308.5	98.1	126.0	120.4		120.4	142.6	168.4	172.9	103.6	193.5	1434.0
		F3518	Block 4 Modifications	227.7	220.6	287.6	398.4		398.4	384.1	381.7	388.6	469.1	1519.0	4276.9
		F3519	Propulsion	6.2	11.0	12.4	12.5		12.5	12.5	3.5	3.6	3.7		65.5
		F3520	Reliability and Maintainability	2.1	2.4	8.8	4.7		4.7	5.7	1.9	2.0	2.0	0.6	30.2
<b>TOTAL FOR CLASS P</b>				1680.2	333.1	451.8	549.7		549.7	557.9	555.6	567.1	578.4	1713.1	6986.9
<b>FOR AIRCRAFT F-35 Mods</b>				1680.2	333.1	451.8	549.7		549.7	557.9	555.6	567.1	578.4	1713.1	6986.9

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
F-15 EPAWS	P	8796	EPAWSS F-15E	436.4	259.8	280.7	272.0		272.0	207.7	118.6	102.5	123.5		1801.2
<b>TOTAL FOR CLASS P</b>				436.4	259.8	280.7	272.0		272.0	207.7	118.6	102.5	123.5		1801.2
<b>TOTAL FOR AIRCRAFT F-15 EPAWS</b>				436.4	259.8	280.7	272.0		272.0	207.7	118.6	102.5	123.5		1801.2

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
KC-46	P-S	4601	R&M Safety Mods											2141.8	2141.8
<b>TOTAL FOR CLASS P-S</b>														2141.8	2141.8
	P	4602	Pegasus Advanced Communications Suite (PACS)							19.6	46.4	47.5	48.6	186.4	348.4
		4603	KC-46 MAF Connectivity				21.0		21.0						21.0
		99999S	Airworthiness Directives	0.0			0.1		0.1		8.5	39.8	34.0	3087.8	3170.2
		99999X	Low Cost Modifications	2.8	0.5		3.9		3.9		0.7	5.0	5.0	199.6	217.5
<b>TOTAL FOR CLASS P</b>				2.8	0.5		25.0		25.0	19.6	55.7	92.2	87.5	3473.8	3757.1
<b>TOTAL FOR AIRCRAFT KC-46</b>				2.8	0.5		25.0		25.0	19.6	55.7	92.2	87.5	5615.7	5898.9

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C-5	P	8928	C-5A Crown Skins				29.0		29.0						29.0
		8964	C-5 Replace Multifunctional Co				0.0		0.0	23.0	55.7	31.6	29.6		139.8
		8965	C-5 Fleet Blk Upgrade 01	13.1											13.1
		8966	C-5 Mission Systems Equipment-Lavatory	42.0	2.4	4.8	2.0	0.0	2.0	1.5	2.7				55.4
		8967	Mission Computer and Weather Radar	103.8	7.5	11.3	7.4		7.4						130.0
		8968	C-5M Communication Navigation Surveillance/Air Traffic Management (CNS/ATM)	67.7	1.7	4.3	2.8		2.8						76.5
		8969	C-5 Training Systems (Training Mods)	7.8	3.6										11.5
		99999X	Low Cost Modifications	0.0	0.3	4.0	4.2		4.2	5.0	5.0	5.0	5.0		28.5
<b>TOTAL FOR CLASS P</b>				234.5	15.5	24.4	45.4	0.0	45.4	29.4	63.3	36.6	34.6		483.7
<b>TOTAL FOR AIRCRAFT C-5</b>				234.5	15.5	24.4	45.4	0.0	45.4	29.4	63.3	36.6	34.6		483.7

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-17	P	_2000	Pylon Stub FFLZ, FF, Translating Fairing	96.5											96.5
		_2590	ELT Frequency Change	5.2											5.2
		_2633	MFOQA	14.1											14.1
		_3080	Replacement Heads Up Display (RHUD)	155.6	38.4	35.1	49.3		49.3	11.6	9.1				299.1
		1508	IFF GATM	124.6											124.6
		2901	Automatic Dependent Surveillance - Broadcast Out (ADS-B Out)	83.9											83.9
		6403	Filter Fire Mitigation	3.4	0.1	1.3	2.4		2.4	3.1	2.4	3.2	2.6		18.6
		9740	Fixed Installation Satellite Antenn (FISA)	7.1											7.1
		9741	Beyond Line of Sight (BLOS)	17.0	76.0	101.3	47.8		47.8	110.0	118.5	61.1	125.5		657.3
		9742	C-17 Simulator Lateral Motion Maneuver Enhancement	1.4											1.4
		9744	C-17 Visual System Field of View	1.0											1.0
		9747	C-17 Training System (Other Mods)	20.4	2.5	1.8	1.9		1.9	1.9	2.7	2.0			33.1
		9748	C-17 Training System (Training Mods)		9.1										9.1
		9750	Databus Collection and Analytics (DBCA)							8.0	2.0	2.0			12.0
		9751	9751 - Aircraft Connectivity				1.0		1.0	4.4	6.2	58.3	81.0		150.8
		99999X	Low Cost Modifications	5.1	7.6	1.0	1.0		1.0	0.1	0.1	0.1			15.0
<b>TOTAL FOR CLASS P</b>				<b>535.4</b>	<b>133.8</b>	<b>140.6</b>	<b>103.3</b>		<b>103.3</b>	<b>139.1</b>	<b>140.8</b>	<b>126.7</b>	<b>209.2</b>		<b>1528.8</b>
		9749	C-17A Flight Deck Replacement									54.9			54.9

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<u>WEAPON</u> <u>SYSTEM</u>	<u>CLASS</u>	<u>MOD</u> <u>NR</u>	<u>MODIFICATION</u> <u>TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25</u> <u>OCO</u>	<u>Total</u> <u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
<b>TOTAL FOR CLASS</b>												54.9			54.9
<b>TOTAL FOR AIRCRAFT C-17</b>				535.4	133.8	140.6	103.3		103.3	139.1	140.8	181.6	209.2		1583.7

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-32	P	1110	Nitrogen Generation System	22.1											22.1
		1116	WIDEBAND SATCOM	179.2											179.2
		1117	CNS/ATM Compliance	14.9											14.9
		1119	Crew Rest Seats	11.8											11.8
		1120	PNVC			11.7									11.7
		1121	Crypto Mod 1			7.0	6.4		6.4						13.4
		99999S	SERVICE BULLETINS	1.0	1.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		2.0
		99999SG	99999SG - Service Bulletins - C-32B	4.9											4.9
		99999X	Low Cost Modifications	0.0	1.0	0.4	0.0		0.0	0.0	0.0	0.0	0.0		1.5
		99999XG	99999XG - Low Cost Mods - C-32B	11.8	2.0										13.9
<b>TOTAL FOR CLASS P</b>				245.7	4.1	19.1	6.4		6.4	0.0	0.0	0.0	0.0		275.3
<b>TOTAL FOR AIRCRAFT C-32</b>				245.7	4.1	19.1	6.4		6.4	0.0	0.0	0.0	0.0		275.3

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C-37	P	1117	WIDEBAND SATCOM	13.0											13.0
		1118	CNS/ATM Compliance	17.6											17.6
		1122	SAT 906	6.0	4.3	2.0									12.3
		1123	Crypto Mod 1			11.0	9.1		9.1	0.0					20.1
		99999S	SERVICE BULLETINS	0.1	1.0	0.0									1.1
		99999X	Low Cost Modifications	0.7	0.7	0.4									1.9
<b>TOTAL FOR CLASS P</b>				37.4	6.1	13.5	9.1		9.1	0.0					66.0
<b>TOTAL FOR AIRCRAFT C-37</b>				37.4	6.1	13.5	9.1		9.1	0.0					66.0

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GLIDER MODS	P	5324	T-53 PERFORMANCE ENHANCEMENT			4.9	2.6		2.6						7.5
		99999S	SERVICE BULLETINS			0.3	0.0		0.0	0.1	0.1	0.1	0.1		0.6
		99999X	Low Cost Modifications	6.4	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1	7.1
<b>TOTAL FOR CLASS P</b>				6.4	0.1	5.3	2.7		2.7	0.2	0.2	0.2	0.2	15.2	
<b>TOTAL FOR AIRCRAFT GLIDER MODS</b>				6.4	0.1	5.3	2.7		2.7	0.2	0.2	0.2	0.2	15.2	

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T-6	P	9871	T-6A Crash Survivable Recorder	6.5	2.4	0.1	40.2		40.2	2.8					52.0
		9873	Canopy Fracture Initiation System	1.8											1.8
		9877	Avionics Upgrades FAA Compliance	45.8	0.8		0.0		0.0						46.5
		9878	Aircrew Training Device (ATD) Modernization	37.9	0.1	0.1	0.3		0.3	0.2	0.2	0.2	0.2		39.0
		9893	Crew System Modernization Program	62.2	2.8	2.6	4.0		4.0						71.7
		9894	Avionics Modernization				85.6		85.6	410.0	184.8	370.4	324.2		1375.0
		99999S	SERVICE BULLETINS		0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.8
		99999X	Low Cost Modifications	9.2			0.1		0.1	0.1	0.1	0.1	0.1		9.7
<b>TOTAL FOR CLASS P</b>				163.3	6.2	2.9	130.3		130.3	413.2	185.1	370.8	324.6	0.1	1596.5
<b>TOTAL FOR AIRCRAFT T-6</b>				163.3	6.2	2.9	130.3		130.3	413.2	185.1	370.8	324.6	0.1	1596.5

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T-1	P	8997	Avionics Modification	89.7	6.2	7.1	2.1		2.1						105.0
		8998	Crew Relief Station Replacement	0.8											0.8
		99999X	Low Cost Modifications	3.0	0.1	3.9	0.1		0.1	0.1	0.1	3.6	3.6		14.6
<b>TOTAL FOR CLASS P</b>				93.5	6.3	10.9	2.2		2.2	0.1	0.1	3.6	3.6		120.5
<b>TOTAL FOR AIRCRAFT T-1</b>				93.5	6.3	10.9	2.2		2.2	0.1	0.1	3.6	3.6		120.5

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T-38	P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.0			0.0		0.0	0.0	0.0	0.0	0.0		0.1
<b>TOTAL FOR CLASS P-S</b>				0.0			0.0		0.0	0.0	0.0	0.0	0.0		0.1
	P	6088	Pacer Classic III	313.2	41.1	37.9	37.6		37.6	6.5	14.8				451.2
		6090	T-38 Avionics	117.5	4.7	54.8	27.3		27.3	7.5					211.8
		6091	Talon Repair, Inspection and Maintenance	13.1	17.2	32.1	50.5		50.5	68.3	81.9	99.0	156.4	1.4	520.0
		6092	T-38 A/B ADS-B Out	8.3											8.3
		6093	T-38 Canopy	3.9											3.9
		6094	T-38A/B ESUP II	5.0	26.4										31.4
		99999X	Low Cost Modifications	0.0		0.5	0.0		0.0	0.0	0.0	0.0	0.0		0.6
<b>TOTAL FOR CLASS P</b>				461.0	89.4	125.3	115.5		115.5	82.4	96.7	99.0	156.4	1.4	1227.2
<b>TOTAL FOR AIRCRAFT T-38</b>				461.1	89.4	125.3	115.5		115.5	82.4	96.7	99.0	156.4	1.4	1227.2

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U-2 Mods	P	4494	U-2 Mod	430.2	36.2	29.5									495.9
		4496	ASARS-2B Procurement for U-2	117.3	45.4	25.2	69.8		69.8	13.1	13.4	13.6	13.9		311.8
<b>TOTAL FOR CLASS P</b>				547.5	81.7	54.7	69.8		69.8	13.1	13.4	13.6	13.9		807.7
<b>TOTAL FOR AIRCRAFT U-2 Mods</b>				547.5	81.7	54.7	69.8		69.8	13.1	13.4	13.6	13.9		807.7

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KC-10	P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.0	0.0										0.0
<b>TOTAL FOR CLASS P-S</b>				0.0	0.0										0.0
	P	7732	Simulator Lateral Motion Maneuver Enhancement	0.7											0.7
		7733	KC-10 Mode 5	14.5											14.5
		99999S	SERVICE BULLETINS	42.5	1.7										44.2
		99999X	Low Cost Modifications	8.5	0.0										8.5
<b>TOTAL FOR CLASS P</b>				66.2	1.7										67.9
<b>TOTAL FOR AIRCRAFT KC-10</b>				66.2	1.7										67.9

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C-12	P	99999S	SERVICE BULLETINS	17.0		0.0									17.0
		99999X	Low Cost Modifications	3.6		0.4									4.1
<b>TOTAL FOR CLASS P</b>				20.7		0.4									21.1
<b>TOTAL FOR AIRCRAFT C-12</b>				20.7		0.4									21.1

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## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-21	P	1100	Avionics Upgrades and FAA Mandates	61.5											61.5
		99999S	SERVICE BULLETINS	0.7	0.5										1.3
		99999X	Low Cost Modifications	0.6	1.9										2.4
<b>TOTAL FOR CLASS P</b>				62.8	2.4										65.2
<b>TOTAL FOR AIRCRAFT C-21</b>				62.8	2.4										65.2

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
VC-25 Mods	P	9714	WIDEBAND SATCOM	1.0											1.0
		9715	VC-25 Block Upgrade	326.8	0.0	28.2	11.2		11.2	9.4					375.6
		99999S	SERVICE BULLETINS	4.3	0.5	0.7	0.1		0.1						5.6
		99999X	Low Cost Modifications	2.5	1.1	0.7	0.1		0.1						4.4
<b>TOTAL FOR CLASS P</b>				334.6	1.6	29.7	11.4		11.4	9.4					386.7
<b>TOTAL FOR AIRCRAFT VC-25 Mods</b>				334.6	1.6	29.7	11.4		11.4	9.4					386.7

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-40	P	1110	Nitrogen Generation System	6.0											6.0
		1118	WIDEBAND SATCOM	141.5	10.0										151.5
		1119	CNS/ATM Compliance	21.7											21.7
		1120	Crew Rest Seats	7.3											7.3
		1121	Crypto Mod 1			7.0	7.1		7.1						14.0
		1122	SAT 906		25.0	1.5									26.5
		99999S	SERVICE BULLETINS	0.5	1.2	0.0	0.0		0.0						1.7
		99999X	Low Cost Modifications	0.6	1.0	0.4	0.0		0.0						2.1
<b>TOTAL FOR CLASS P</b>				177.7	37.2	8.9	7.1		7.1						230.9
<b>TOTAL FOR AIRCRAFT C-40</b>				177.7	37.2	8.9	7.1		7.1						230.9

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-130	P-S	99999A	LOW COST SAFETY MODIFICATIONS	3.0											3.0
<b>TOTAL FOR CLASS P-S</b>				<b>3.0</b>											<b>3.0</b>
	P	3773	C-130 8-Bladed Propeller Upgrade	582.0	60.7										642.7
		8221	C-130 ALR-69A Radar Warning Receiver (RWR)	36.0											36.0
		8518	C-130H Avionics Modernization Program (AMP) Increment 2	7.3	20.7	69.2	100.3		100.3	129.3	91.1	35.6	11.4		464.9
		8578	C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	569.8						17.0	20.6	26.0	61.2		694.7
		9139	MOD V IFF	42.1											42.1
		9149	C-130 Aux Hyd Pump	16.6											16.6
		92302	C-130H Avionics Modernization Program (AMP) Increment 1	91.1											91.1
		92308	T-56 3.5 Engine Mod	498.0	41.2										539.2
		92309	Onboard Fire Incident Response Equipment	156.1	0.1	0.1									156.3
		92310	HC-130P/N Variable Speed Drogue (VSD)	1.4											1.4
		92311	Electronic Propeller Control System (EPCS)	141.8											141.8
		92312	In-Flight Propeller Balancing System (IPBS)	1.5											1.5
		92315	C-130H Simulator	47.8	4.5										52.3
		92316	AFSOC C-130 Mods	22.6											22.6
		92322	MAFFS	24.6	20.0										44.6
		92323	C-130 Finlets		17.5										17.5

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		99999C	HC-130 Low Cost Mods	1.9											1.9
		99999M	MISC SIMULATOR UPDATES	0.7											0.7
		99999X	Low Cost Modifications	14.7	1.0	1.9	2.2		2.2	2.1	2.0	1.9	2.1		27.9
<b>TOTAL FOR CLASS P</b>				2256.0	165.7	71.2	102.5		102.5	148.3	113.7	63.6	74.7		2995.7
		9141	C-130 CRASHWORTHY LOADMASTER SEAT	1.9											1.9
<b>TOTAL FOR CLASS</b>				1.9											1.9
<b>TOTAL FOR AIRCRAFT C-130</b>				2260.9	165.7	71.2	102.5		102.5	148.3	113.7	63.6	74.7		3000.6

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C-130J Mods	P	_2612	Avionics System and Structural Modifications	37.5	0.2		0.2		0.2		0.2		0.2		38.3
		_5222	BLOCK 8.1	611.4	107.0	85.4	151.2		151.2	130.5	133.0	156.9	98.1	180.6	1654.2
		_5296	Wind Gust Brake	39.8											39.8
		8646	C-130J Center Wing Replacement	158.7	13.1	15.1	17.3		17.3	14.9	5.8	10.7	17.4	20.6	273.6
		8668	WST Threat Generators	6.7		4.7	3.0		3.0						14.4
		8669	Communication Modernization				19.0		19.0	34.9	72.9	47.4	59.7	341.4	575.3
		8670	EC-130J Conversion			16.0	16.0		16.0	5.0	0.0				37.0
		8671	Outer Wing Replacement							18.6	0.6	16.8	21.1	57.1	114.1
		99999X	Low Cost Modifications	11.4	0.2	0.1	0.2		0.2	0.2	0.2	0.3	0.3		12.9
<b>TOTAL FOR CLASS P</b>				865.6	120.5	121.3	206.9		206.9	204.1	212.7	232.1	196.8	599.6	2759.6
<b>TOTAL FOR AIRCRAFT C-130J Mods</b>				865.6	120.5	121.3	206.9		206.9	204.1	212.7	232.1	196.8	599.6	2759.6

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
C-135	P-S	99999A	LOW COST SAFETY MODIFICATIONS				0.0		0.0	0.0	0.0	0.0	0.0		0.1
<b>TOTAL FOR CLASS P-S</b>							0.0		0.0	0.0	0.0	0.0	0.0		0.1
	P	8653	BLOCK 45	469.4	44.2	43.5	4.7		4.7	15.0	1.0				577.8
		9818	VOR/ILS ANTENNAE	10.1	11.6										21.7
		9824	ADS-B	14.4											14.4
		9826	Rudder Position Indicator (RPI)	22.3	3.7	7.5	8.0		8.0	4.4	4.4	1.6			52.0
		9827	KC-135 AERO-I SATCOM replacement	19.6	11.2	4.5	4.2		4.2						39.4
		9828	Real Time in the Cockpit (RTIC)	45.8	43.8	30.7	23.6		23.6	13.2					157.1
		9829	MUOS Radios		19.9	32.4	46.6		46.6	27.5	1.0				127.3
		9830	Center Console Refresh							1.0	59.1	162.9	166.0	311.4	700.5
		9831	COMM2 Crypto and Data		5.0	26.2	31.5		31.5	22.4	1.5				86.5
		9832	HF Modernization			0.5	24.7		24.7	52.6	31.9	1.0			110.6
		9833	KC-135 Air Contour System/Aft Body Drag Reduction		0.1	2.5									2.5
		9834	KC-135 Vertical Wipers		0.1	1.0	1.0		1.0	1.0	1.0	1.1	1.0		6.1
		9835	KC-135 Winglets							34.4	35.0	35.0			104.4
		99999X	Low Cost Modifications	18.8	5.0	4.8	2.4		2.4	5.0	5.0	5.0	4.0		49.9
<b>TOTAL FOR CLASS P</b>				600.4	144.6	153.6	146.5		146.5	176.4	139.9	206.6	171.0	311.4	2050.4
<b>TOTAL FOR AIRCRAFT C-135</b>				600.4	144.6	153.6	146.6		146.6	176.5	139.9	206.6	171.0	311.4	2050.5

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COMPASS CALL	P	1001	COMPASS CALL	47.7											47.7
		1003	COMPASS CALL Baseline Modifications	940.0	317.1	63.6	19.5		19.5	61.8	59.2	11.5			1472.6
		1004	COMPASS CALL Baseline Upgrade		13.1	81.1	75.2		75.2	65.0	155.3	205.0	221.6	66.6	883.0
<b>TOTAL FOR CLASS P</b>				987.7	330.2	144.7	94.7		94.7	126.8	214.5	216.5	221.6	66.6	2403.3
<b>TOTAL FOR AIRCRAFT COMPASS CALL</b>				987.7	330.2	144.7	94.7		94.7	126.8	214.5	216.5	221.6	66.6	2403.3

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CFIN	P	99999X	Low Cost Modifications	1.6		0.4									2.0
<b>TOTAL FOR CLASS P</b>				1.6		0.4									2.0
<b>TOTAL FOR AIRCRAFT CFIN</b>				1.6		0.4									2.0

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E-8C	P	38202	Common Data Link	52.9	16.6										69.5
		38203	Distributed Mission Ops Center (DMOC)	4.0											4.0
		38204	JSTARS OCO Requirements	13.0											13.0
		38206	SATCOM/MUOS Radios	15.2											15.2
		38207	JSTARS Re-engining	20.0											20.0
<b>TOTAL FOR CLASS P</b>				105.1	16.6										121.7
<b>TOTAL FOR AIRCRAFT E-8C</b>				105.1	16.6										121.7

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RC - 135	P	_2504	COBRA BALL	59.9	13.3	13.6	13.9		13.9	14.0	14.3	14.6	14.9		158.5
		4263	RIVET JOINT	1257.8	210.2	195.6	193.5		193.5	196.5	201.1	205.4	209.6		2669.7
		4265	COMBAT SENT	77.1	10.7	10.9	11.1		11.1	11.3	11.5	11.7	11.9		156.3
		4266	CONSTANT PHOENIX	216.2			4.5	0.0	4.5	4.5	4.5	4.5	4.5		238.7
<b>TOTAL FOR CLASS P</b>				1611.0	234.2	220.1	223.0	0.0	223.0	226.3	231.4	236.2	240.9		3223.2
<b>TOTAL FOR AIRCRAFT RC - 135</b>				1611.0	234.2	220.1	223.0	0.0	223.0	226.3	231.4	236.2	240.9		3223.2

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Airborne Warning and Control System	P	50001T	BLOCK 40/45 BLOCK UPGRADE	910.1			0.0		0.0	0.0	0.0				910.1
<b>TOTAL FOR CLASS P</b>				910.1			0.0		0.0	0.0	0.0				910.1
<b>TOTAL FOR AIRCRAFT Airborne Warning and Control System</b>				910.1			0.0		0.0	0.0	0.0				910.1

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E-3	P	50001T	BLOCK 40/45 UPGRADE	658.2											658.2
		50002	Communication Networking Upgrade (CNU)	30.6	1.0										31.6
		50002T	AWACS Mode 5 Acceleration	3.4											3.4
		7225	NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)	56.8											56.8
		8662	AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	10.5	0.2	0.8	0.8		0.8	0.8	0.8	1.4	1.4		16.8
		9707	RM&A Mod	22.9											22.9
		9709	E-3 DRAGON	351.9	11.9	0.2									363.9
		9716	VERTICAL STABILIZER AND RUDDER	1.8											1.8
		9718	IP-enabled Capability (IPEC)	132.0											132.0
		9721	AWACS Communications Integration Program (ACIP)		15.8	0.4	66.9		66.9	16.3					99.5
		99999XA	LOW COST MOD - AIRFRAME	9.4	0.3		0.5		0.5	0.2					10.4
		99999XB	LOW COST MOD - AVIONICS & MISSION SYSTEMS	8.4											8.4
		99999XC	Low Cost Mod - Communications	2.0											2.0
		99999XD	Low Cost Mod - Human Systems	2.0											2.0
<b>TOTAL FOR CLASS P</b>				1290.1	29.2	1.4	68.2		68.2	17.4	0.8	1.4	1.4		1409.8
<b>TOTAL FOR AIRCRAFT E-3</b>				1290.1	29.2	1.4	68.2		68.2	17.4	0.8	1.4	1.4		1409.8

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E-4	P	3411	Survivable SHF	1.6	1.7	6.0	17.7		17.7	21.6	30.4	31.0	34.0		143.9
		4380	MUOS	9.8			1.5		1.5						11.3
		4406B	AEHF Compatible Terminal/PNV	44.6	1.1	2.8	5.2		5.2	6.6	5.3	5.4	3.1		74.1
		4409	Low Frequency Transmit System (LFTS)	36.2		0.8									37.0
		99999S	SERVICE BULLETINS	1.2	1.2	1.5	2.3		2.3	6.6	6.8	7.0	7.2		34.0
		99999X	Low Cost Modifications	18.3	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0		32.2
<b>TOTAL FOR CLASS P</b>				111.7	6.0	13.1	28.7		28.7	36.8	44.5	45.4	46.3		332.5
<b>TOTAL FOR AIRCRAFT E-4</b>				111.7	6.0	13.1	28.7		28.7	36.8	44.5	45.4	46.3		332.5

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H-1	P-S	8847	UH-1N Safety Modifications	9.4	0.0	0.0									9.4
<b>TOTAL FOR CLASS P-S</b>				9.4	0.0	0.0									9.4
	P	_2802	HUEY II MODERNIZATION	5.0											5.0
		8848	AETC FLIR	4.2											4.2
		8849	USMC Missionization	2.5											2.5
		8850	Simulator Concurrency	2.9											2.9
		8860	TH-1H Automatic Dependent Surveillance - Broadcast	2.7											2.7
		8863	Load Stabilizers	11.7											11.7
		99999T	TH-1h Low Cost Mods	5.4	0.8	0.5	1.2		1.2	1.2	1.2	2.3	1.2		13.8
		99999X	Low Cost Modifications	15.7	0.9	0.4	0.9		0.9						18.0
<b>TOTAL FOR CLASS P</b>				50.1	1.8	0.8	2.1		2.1	1.2	1.2	2.3	1.2		60.7
<b>TOTAL FOR AIRCRAFT H-1</b>				59.5	1.8	0.8	2.1		2.1	1.2	1.2	2.3	1.2		70.1

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 TOTAL PROG includes Prior Year and Cost To Go Dollars

## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
MH-139A Mod	P	H139A1	Low Cost Modifications				5.0		5.0	5.0	5.0	5.0	5.0		25.0
		H139A2	Correction of Deficiencies				0.0		0.0	0.0	0.0	0.0	0.0		0.1
<b>TOTAL FOR CLASS P</b>							5.0		5.0	5.0	5.0	5.0	5.0		25.1
<b>TOTAL FOR AIRCRAFT MH-139A Mod</b>							5.0		5.0	5.0	5.0	5.0	5.0		25.1

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HH-60 Mods	P	8844	Multi-function Color Display	51.7	2.3	0.3	0.1		0.1	0.2					54.6
		8850	MODE 5	38.3	0.2	0.3	0.2		0.2	0.2					39.3
		8853	DEFENSIVE SYSTEM UPGRADE	61.6	6.0	2.0	0.5		0.5	0.1					70.2
		8854	HH-60 OLR Mission Modification	467.6	1.0	0.8	0.1		0.1	0.1					469.6
		8859	DVE Sensor	39.7											39.7
		8861	HH-60 DATALINKS	31.7											31.7
		99999X	Low Cost Modifications	11.1	1.2	0.8	1.1		1.1	1.5					15.7
<b>TOTAL FOR CLASS P</b>				701.8	10.8	4.2	2.0		2.0	2.1					720.9
<b>TOTAL FOR AIRCRAFT HH-60 Mods</b>				701.8	10.8	4.2	2.0		2.0	2.1					720.9

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H060WM	P	99999X	Low Cost Modifications		3.1		5.0		5.0	5.0	5.0	5.0			23.1
		H060W1	Directional Infrared Countermeasures										27.3	422.2	449.5
		H060W2	Integrated Vehicle Health Management System											52.9	52.9
		H060W3	Blue Force Tracker 2											27.2	27.2
		H060W4	Video Data Link											62.1	62.1
		H060W5	Global Positioning System Anti-Jam							4.1	5.3	5.5	5.5	17.5	37.9
		H060W6	Degrade Visual Environment				23.9		23.9	52.7	51.7	53.4	32.6	133.4	347.6
		H060W7	Mobile User Objective System							6.7	12.1	13.0	13.2	36.2	81.2
<b>TOTAL FOR CLASS P</b>					3.1		28.9		28.9	68.5	74.0	76.8	78.7	751.6	1081.5
<b>TOTAL FOR AIRCRAFT H060WM</b>					3.1		28.9		28.9	68.5	74.0	76.8	78.7	751.6	1081.5

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## P-1M MODIFICATION REPORT – 2025 PB

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
RQ-4 Mods	P-S	470011	ASIP Install/Calibration	4.8											4.8
<b>TOTAL FOR CLASS P-S</b>				4.8											4.8
	P	470001	GH Aircraft Mods	541.1	0.2										541.2
		470003	GH Ground Station Mods	15.5											15.5
		470009	ASIP Increment I	37.2											37.2
		470010	SAR	0.9											0.9
		470012	MODE 5/ADS-B	6.3											6.3
		470013	Sensor Enhancements	29.4											29.4
		470019	Communication Interoperability/Enhancements	3.0											3.0
<b>TOTAL FOR CLASS P</b>				633.3	0.2										633.5
<b>TOTAL FOR AIRCRAFT RQ-4 Mods</b>				638.1	0.2										638.3

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HC/MC-130 Recap	P	5222	HC/MC-130J Block 8.1	17.3		29.6	27.9		27.9	38.1	38.6	36.5	4.0		192.0		
		8632	MC-130J Increment 2	39.7	0.0											39.7	
		8634	HC-130J Common Configuration	45.4													45.4
		8635	HC-130J Personnel Locator Syste	16.9													16.9
		8636	HC-130J Situational Awareness	122.0	12.9	3.5	1.0			1.0							139.4
		8639	Wireless Intercom	10.6													10.6
		8642	(AbMN) Airborne Mission Networking	114.0	51.0		45.5			45.5	86.8	46.1	57.0	44.2			444.5
		8648	ADS-B out Acceleration	2.2													2.2
		8652	(RFCM) Radio Frequency Countermeasures	80.5													80.5
		8658	Paratroop Door	26.9	14.0	1.4	18.3			18.3							60.5
		8659	Broadband Antenna	9.4													9.4
		8737	HC-Communications Modernization Phase I				18.7			18.7	64.1	62.4	1.3	15.5			162.1
		8760	HC Trainer Modifications		20.0	0.0	0.0			0.0							20.0
		8761	MC/AC-Communications Modernization Phase I			7.2	23.3	26.2		26.2	48.9	77.3	42.9	56.4			282.2
		8762	MC-130J Link 16	4.4													4.4
		8763	HC-130J Link 16								5.3	5.4					10.7
		8764	MC-Trainer Modifications	83.6	0.0	19.9	14.6			14.6	11.1	30.8	30.2	26.6	0.0		216.8
		8765	LAIRCM Updates			4.8	0.0	0.0		0.0							4.8

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		8767	HC-Star XIII			5.4	39.4		39.4	53.5	0.1	1.5	18.0		117.9
		8768	HC-EO/IR Sensor Modification			16.2	19.4		19.4	53.8					89.4
		8770	Avionics Systems Upgrades				1.0		1.0	1.0	0.0				2.0
		99999W	HC-Low Cost Mods			1.8	1.0		1.0	4.0	0.2	0.2	5.0		12.1
		99999X	HC- Low Cost Modifications	11.9	1.4										13.3
		99999Y	MC-Low Cost Modifications		0.1		0.3		0.3	0.6	0.3	0.2	0.3		1.8
<b>TOTAL FOR CLASS P</b>				584.8	111.3	101.1	213.3		213.3	367.3	261.1	169.8	169.9	0.0	1978.5
<b>TOTAL FOR AIRCRAFT HC/MC-130 Recap</b>				584.8	111.3	101.1	213.3		213.3	367.3	261.1	169.8	169.9	0.0	1978.5

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OTHER (BP11)	P	8669	Full Combat Mission Training	76.4											76.4	
		8670	MAF Training	50.4	12.4	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1		63.5
		8671	Tactical Data Link Communications Capabilities				3.4									3.4
		8674	ATP upgrade Legacy to SE	176.7												176.7
		8675	ATP-SE Technology Insertion	137.1												137.1
		8676	ATP-TI Increment 1		10.8	50.5	54.8		54.8	236.6	57.1	58.3	59.4			527.5
		8733	Battlefield ABN Comm Node (BACN)	76.4	18.7	0.0										95.1
		8736	Counterdrug USSOUTHCOM Support	1.2												1.2
		8737	LGM-35A Sentinel								9.8	19.8	3.3			32.8
		99999J	MISCELLANEOUS LOW COSTS MODS (Combat Developments)	147.9	0.1	0.2	0.2		0.2	0.2	0.2	0.2	0.2	0.2		149.0
		HH-60U	HH-60U	9.3	1.1											10.4
		<b>TOTAL FOR CLASS P</b>				675.3	43.1	54.1	55.1		55.1	246.7	77.1	61.8	59.7	
<b>TOTAL FOR AIRCRAFT OTHER (BP11)</b>				675.3	43.1	54.1	55.1		55.1	246.7	77.1	61.8	59.7		1273.0	

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MQ-9 Mods	P	9151	Block 5	76.3			0.0		0.0						76.3
		9152	MQ-9 Field	344.0	8.2										352.2
		9154	Lynx SAR	96.1											96.1
		9155	GCS Blk 30	219.2											219.2
		9159	R&M enhancements	104.0											104.0
		9164	Extended Range MQ-9	360.0	1.3										361.3
		9167	MQ-9 Upgrade	683.1	179.1	36.6	7.7		7.7	7.7					914.2
		9168	MQ-9 SLAM		22.8	61.5	4.7		4.7	63.8	29.3	29.9	30.5		242.4
		99999B	MQ-9 Low Cost Mods	16.6											16.6
<b>TOTAL FOR CLASS P</b>				1899.3	211.5	98.1	12.4		12.4	71.5	29.3	29.9	30.5		2382.3
<b>TOTAL FOR AIRCRAFT MQ-9 Mods</b>				1899.3	211.5	98.1	12.4		12.4	71.5	29.3	29.9	30.5		2382.3

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SLC3SA	P	C-32 - SLC3SA	C-32 - SLC3SA	8.5	5.2	7.1	12.8		12.8	12.7	12.7	12.7	13.0		84.7
		C-37 - SLC3SA	C-37 - SLC3SA	13.6	16.4	14.7	8.2		8.2	8.1	8.1	8.2	8.3		85.6
		C-40 - SLC3SA	C-40 - SLC3SA	6.1	3.1	2.9	4.0		4.0	4.1	4.1	4.1	4.2		32.5
		VC-25A - SLC3SA	VC-25A - SLC3SA	0.1	0.1	0.1	0.1		0.1						0.4
<b>TOTAL FOR CLASS P</b>				28.3	24.8	24.8	25.0		25.0	24.9	25.0	25.0	25.5		203.2
<b>TOTAL FOR AIRCRAFT SLC3SA</b>				28.3	24.8	24.8	25.0		25.0	24.9	25.0	25.0	25.5		203.2

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CV-22 Mods	P	8791	Block 20 V2	723.7	151.0	148.0	42.8		42.8	95.4	91.6	79.5	60.4		1392.4
		99999X	Low Cost Modifications	28.4	2.0	5.0				5.0	5.0		5.0		50.4
<b>TOTAL FOR CLASS P</b>				752.1	153.0	153.0	42.8		42.8	100.4	96.6	79.5	65.4		1442.8
<b>TOTAL FOR WEAPON SYSTEM CV-22 Mods</b>				752.1	153.0	153.0	42.8		42.8	100.4	96.6	79.5	65.4		1442.8

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## ACRONYMS

### *GENERAL ACRONYMS*

A&AS	- Advisory & Assistance Services
ABIDES	- Automated Budget Interactive Data Environment System
ACAT	- Acquisition Category
ACTD	- Advanced Concept Technology Demonstration
AGM	- Air-to-Ground Missile
AIM	- Air Intercept Missile
AIS	- Avionics Intermediate Shop
ACMI	- Aircraft Combat Maneuvering Instrumentation
AMRAAM	- Advanced Medium-Range Air-to-Air Missile
APPN	- Appropriation
ATD	- Advanced Technology Development
BA	- Budget Activity
BES	- Budget Estimate Submission
BY	- Budget Year
C3	- Command, Control, and Communication System
CFE	- Contractor Furnished Equipment
CONOPS	- Concept of Operation
CONUS	- Continental United States
CPMS	- Comprehensive Power Management System
CPT	- Cockpit Procedures Trainer
CRA	- Continuing Resolution Authority
CTS	- Countermeasures Test Set
CY	- Current Year
ECCM	- Electronic Counter Counter-Measures
ECM	- Electronic Counter Measures
ECO	- Engineering Change Orders
EOQ	- Economic Order Quantity
ECP	- Engineering Change Proposal
EPA	- Economic Price Adjustment
EW	- Electronic Warfare
EWAISP	- Electronic Warfare Avionics Integration Support Facility
FLIR	- Forward Looking Infra Red

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FOT&E	- Follow-on Test and Evaluation
FOC	- Fully Operational Capability
FLTS	- Flight Line Test Set
FPIF	- Fixed Price Incentive Firm
FPIS	- Fixed Price Incentive Fee, Successive Targets
FY	- Fiscal Year
GANS	- Global Access Navigation & Safety
GATM	- Global Air Traffic Management
GFE	- Government Furnished Equipment
GFP	- Government Furnished Property
GPS	- Global Positioning System
GSE	- Ground Support Equipment
ICS	- Interim Contractor Support
IOC	- Initial Operating Capability
IT	- Information Technology
JUON	- Joint Urgent Operational Need
MAIS	- Major Automated Information System Program
MDAP	- Major Defense Acquisition Program
METS	- Mobile Electronic Test Stations
MYP	- Multiyear Procurement
NAVWAR	- Navigation Warfare
NMC Rate	- Not Mission Capable Rate
OCO	- Overseas Contingency Operations
OOC	- Overseas Operations Costs
OT&E	- Operational Test and Evaluation
OWRM	- Other War Reserve Material
PAGEL	- Priced Aerospace Ground Equipment List
PB	- President's Budget
PBR	- Program Budget Review
PMA	- Program Management Administration
PMC	- Procurement Method Code
PNO	- Acquisition Program Number (MDAP Codes)
PR	- Purchase Request
PRCP	- Program Resource Collection Process
PTT	- Part Task Trainer
PY	- Prior Year

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R&M	- Reliability and Maintainability
RAA	- Rapid Acquisition Authority
RDT&E	- Research, Development, Test and Evaluation
RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SS	- Sole Source
SOF	- Special Operation Force
TAF	- Tactical Air Force
TCAS	- Traffic Collision Alert and Avoidance System
TEWS	- Tactical Electronic Warfare System
TISS	- TEWS Intermediate Support System
TOA	- Total Obligation Authority
WCF	- Working Capital Fund
WRM	- War Reserve Material
WST	- Weapon System Trainer
UAV	- Unmanned Aerial Vehicle
XML	- Extensible Markup Language

### ***BASE / ORGANIZATIONAL ACRONYMS***

ACC	- Air Combat Command
AETC	- Air Education & Training Command
AFCAO	- Air Force Computer Acquisition Office
AFCEA	- Air Force Civil Engineering Support Agency
AFCIC	- AF Communications & Information Center
AFCSC	- Air Force Cryptologic Service Center
AFESC	- Air Force Engineering Services Center
AFGWC	- Air Force Global Weather Central
AFIT	- Air Force Institute of Technology
AFLCMC	- Air Force Life Cycle Management Center
AFMC	- Air Force Materiel Command
AFMETCAL	- Air Force Metrology and Calibration Office
AFMLO	- Air Force Medical Logistics Office
AFOSI	- Air Force Office of Special Investigation
AFOTEC	- Air Force Operational Test & Evaluation Center
AFPC	- Air Force Personnel Center

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AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command
AFSPC	- Air Force Space Command
AIA	- Air Intelligence Agency
ALC	- Air Logistics Center
AMC	- Air Mobility Command
ANG	- Air National Guard
ASC	- Aeronautical Systems Center
AETC	- Air Education Training Command
AU	- Air University
AWS	- Air Weather Service
CIA	- Central Intelligence Agency
DGSC	- Defense General Support Center
DLA	- Defense Logistics Center
DOE	- Department of Energy
DPSC	- Defense Personnel Support Center
DSCC	- Defense Supply Center, Columbus
DTIC	- Defense Technical Information Center
ER	- Eastern Range
ESC	- Electronic Systems Center
FAA	- Federal Aviation Agency
FBI	- Federal Bureau of Investigation
GSA	- General Services Administration
JCS	- Joint Chiefs of Staff
NATO	- North Atlantic Treaty Organization
OSD	- Office of the Secretary of Defense
PACAF	- Pacific Air Forces
USAF	- United States Air Force
USAFA	- United States Air Force Academy
USAFE	- United States Air Force Europe
USCENTCOM	- United States Central Command
USEUCOM	- United States European Command
USMC	- United States Marine Corps
USSTRATCOM	- United States Strategic Command
WP AFB	- Wright-Patterson AFB, OH

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### ***CONTRACT METHOD / TYPE ACRONYMS***

C	- Competitive
BA	- Basic Agreement
BOA	- Basic Ordering Agreement
BPA	- Blanket Purchasing Agreement
CS	- Cost Sharing
IDDQ	- Indefinite Delivery, Definite Quantity
IDIQ	- Indefinite Delivery, Indefinite Quantity
IDRT	- Indefinite Delivery, Requirements
Letter	- Letter
LH	- Labor-hour
MIPR	- Military Interdepartmental Purchase Request
MIPR-C	- Military Interdepartmental Purchase Request - Competitive
MIPR-OPT	- Military Interdepartmental Purchase Request - Option
MIPR-OTH	- Military Interdepartmental Purchase Request – Other
MIPR-SS	- Military Interdepartmental Purchase Request - Sole Source
OPT	- Option
OTH	- Other
PO	- Project Order
REQN	- Requisition
SS	- Sole Source
T&M	- Time and Materials
UCA	- Undefinitized Contract Action
WP	- Work Project

### ***CONTRACTED BY ACRONYMS***

11 WING	- 11th Support Wing, Washington, DC
ACC	- Air Combat Command, Langley AFB, VA
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AAC	- Air Armament Center, Eglin AFB, FL
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AETC	- Air Education and Training Command, Randolph AFB, TX
AFCIC	- Air Force Communications and Information Center, Washington, DC
AFCESA	- Air Force Civil Engineering Support Agency, Tyndall AFB, FL

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AFFTC	- Air Force Flight Test Center, Edwards AFB, CA
AFLCMC	- Air Force Life Cycle Management Center, Wright-Patterson AFB, OH
AFMC	- Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL	- Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO	- Air Force Medical Logistics Office, Ft Detrick, MD
AIA	- Air Intelligence Agency, Kelly AFB, TX
AMC	- Air Mobility Command, Scott AFB, IL
ASC	- Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA	- Air Force Weather Agency, Offutt AFB, NE
DGSC	- Defense General Support Center, Richmond, VA
DPSC	- Defense Personnel Support Center, Philadelphia, PA
ER	- Eastern Range, Patrick SFB, FL
ESC	- Electronic Systems Center, Hanscom AFB, MA
HSC	- Human Services Center, Brook AFB, TX
OC-ALC	- Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC	- Ogden Air Logistics Center, Hill AFB, UT
SMC	- Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM	- US Strategic Command, Offutt AFB, NE
WACC	- Washington Area Contracting Center, Washington DC
WR	- Western Range, Vandenberg SFB, CA
WR-ALC	- Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC	- Air Force Space Command, Peterson AFB, CO
HQ ANG	- Headquarters, Air National Guard, Washington, DC
USAFE	- United States Air Force Europe, Ramstein AB, GE
USAFA	- United States Air Force Academy, Colorado Springs, CO

### ***IDENTIFICATION CODES***

Code "A"	- Line items of material which have been approved for Air Force service use.
Code "B"	- Line items of material that have not been approved for Service use
OBAN	- Operating Budget Account Number, 2-digit code for unit allocated funds

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101125F, 0101127F	<b>Other Related Program Elements:</b> 0101127F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	397.240	72.919	107.980	63.932	-	63.932	58.891	52.463	15.807	16.124	-	785.356
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	397.240	72.919	107.980	63.932	-	63.932	58.891	52.463	15.807	16.124	-	785.356
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>397.240</b>	<b>72.919</b>	<b>107.980</b>	<b>63.932</b>	<b>-</b>	<b>63.932</b>	<b>58.891</b>	<b>52.463</b>	<b>15.807</b>	<b>16.124</b>	<b>-</b>	<b>785.356</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	9.242	-	-	-	-	-	-	-	-	-	9.242
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The B-2 is a multi-engine, long range bomber incorporating low-observable ('stealth') technology that enables the B-2 to penetrate enemy air defenses and strike high-value targets. Specific modifications, budgeted and programmed, are below.

Funding for the exhibit is primarily in PE 0101127F (B-2 Squadrons). Some trainer efforts are funded in PE 0809731F (Training Support to Units), and other efforts are funded under PE 0207446F (Bomber Tactical Data Link).

Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

The FY 2025 funding request was reduced by \$23.183 million to account for the availability of prior year execution balances.

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft

**P-1 Line Item Number / Title:**  
B00200 / B-2A

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101125F, 0101127F **Other Related Program Elements:** 0101127F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	B-2A				- / 280.820	- / 11.108	- / 39.260	- / 10.248	- / 0.000	- / 10.248
P-3a	110035 / LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS (Reliability & Maintainability)		A		- / 101.616	- / 16.195	- / 21.279	- / 11.976	- / 0.000	- / 11.976
P-3a	110043 / 110043/B-2 Advanced Communications (Capability Improvement)		A		- / 14.537	- / 0.000	- / 8.650	- / 24.197	- / 0.000	- / 24.197
P-3a	110044 / B-2 DMS / Displays (Capability Improvement)		B		- / 0.000	- / 41.768	- / 28.156	- / 5.285	- / 0.000	- / 5.285
P-3a	110061 / IFF Mode 5/S (Capability Improvement)		B		- / 0.267	- / 3.848	- / 10.635	- / 12.226	- / 0.000	- / 12.226
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 397.240</b>	<b>- / 72.919</b>	<b>- / 107.980</b>	<b>- / 63.932</b>	<b>- / -</b>	<b>- / 63.932</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	B-2A				- / 2.946	- / 15.865	- / 3.073	- / 3.136	- / 0.000	- / 366.456
P-3a	110035 / LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS (Reliability & Maintainability)		A		- / 12.186	- / 12.462	- / 12.720	- / 12.974	- / -	- / 201.408
P-3a	110043 / 110043/B-2 Advanced Communications (Capability Improvement)		A		- / 35.802	- / 20.684	- / -	- / -	- / -	- / 103.870
P-3a	110044 / B-2 DMS / Displays (Capability Improvement)		B		- / 3.848	- / 3.452	- / 0.014	- / 0.014	- / -	- / 82.537
P-3a	110061 / IFF Mode 5/S (Capability Improvement)		B		- / 4.109	- / 0.000	- / 0.000	- / 0.000	- / -	- / 31.085
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 58.891</b>	<b>- / 52.463</b>	<b>- / 15.807</b>	<b>- / 16.124</b>	<b>- / -</b>	<b>- / 785.356</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
See individual P-3A's for FY24 PB Budget justification



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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 1 **P-1 Line Item Number / Title:** B00200 / B-2A **Aggregated Modification Items Title:** B-2A

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
110031 / B-2 Trainer System Upgrade			-	-	64.750	-	-	7.009	-	-	16.686	-	-	1.144	-	-	-	-	-	1.144
110032 / LINK 16/CID/IFR			-	-	-	-	-	0.213	-	-	0.216	-	-	0.221	-	-	-	-	-	0.221
110042 / B-2 Battlespace Collaborative Combat Communications			-	-	-	-	-	-	-	-	20.329	-	-	3.246	-	-	-	-	-	3.246
110054 / B-2 Flex Strike Phase 1			-	-	30.796	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110056 / B61-12 Integration			-	-	39.549	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110057 / MGUE			-	-	23.556	-	-	0.338	-	-	-	-	-	4.109	-	-	-	-	-	4.109
110062 / Crash Survivable Memory Unit (CSMU)			-	-	-	-	-	-	-	-	0.539	-	-	-	-	-	-	-	-	-
110065 / B-2 GBU-57 MOP Integration			-	-	21.494	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8882 / Common Very Low Frequency Terminal			-	-	61.136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99999U / B-2 Low Cost Engine Modifications			-	-	18.039	-	-	1.056	-	-	0.803	-	-	0.825	-	-	-	-	-	0.825
99999X / Low Cost Modifications			-	-	21.500	-	-	2.492	-	-	0.687	-	-	0.703	-	-	-	-	-	0.703
<b>Total</b>			-	-	<b>280.820</b>	-	-	<b>11.108</b>	-	-	<b>39.260</b>	-	-	<b>10.248</b>	-	-	<b>0.000</b>	-	-	<b>10.248</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
110031 / B-2 Trainer System Upgrade			-	-	1.167	-	-	1.192	-	-	1.217	-	-	1.242	-	-	-	-	-	94.407
110032 / LINK 16/CID/IFR			-	-	0.225	-	-	0.229	-	-	0.234	-	-	0.239	-	-	-	-	-	1.577
110042 / B-2 Battlespace Collaborative Combat Communications			-	-	-	-	-	12.855	-	-	-	-	-	-	-	-	-	-	-	36.430
110054 / B-2 Flex Strike Phase 1			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.796
110056 / B61-12 Integration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.549
110057 / MGUE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.003
110062 / Crash Survivable Memory Unit (CSMU)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.539
110065 / B-2 GBU-57 MOP Integration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.494
8882 / Common Very Low Frequency Terminal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61.136

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force</b>													<b>Date: March 2024</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1						<b>P-1 Line Item Number / Title:</b> B00200 / B-2A						<b>Aggregated Modification Items Title:</b> B-2A						

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
99999U / B-2 Low Cost Engine Modifications			-	-	0.838	-	-	0.857	-	-	0.875	-	-	0.892	-	-	-	-	-	24.185
99999X / Low Cost Modifications			-	-	0.716	-	-	0.732	-	-	0.747	-	-	0.763	-	-	-	-	-	28.340
<b>Total</b>			-	-	<b>2.946</b>	-	-	<b>15.865</b>	-	-	<b>3.073</b>	-	-	<b>3.136</b>	-	-	<b>0.000</b>	-	-	<b>366.456</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
110031 / B-2 Trainer System Upgrade	B-2	Capability Improvement
110032 / LINK 16/CID/IFR	B-2	Capability Improvement
110042 / B-2 Battlespace Collaborative Combat Communications	B-2A	Capability Improvement
110054 / B-2 Flex Strike Phase 1	B-2	Capability Improvement
110056 / B61-12 Integration	B-2	Capability Improvement
110057 / MGUE	B-2	Capability Improvement
110062 / Crash Survivable Memory Unit (CSMU)	B-2A	Capability Improvement
110065 / B-2 GBU-57 MOP Integration	B-2A	Capability Improvement
8882 / Common Very Low Frequency Terminal	B-2	Capability Improvement
99999U / B-2 Low Cost Engine Modifications	B-2	Reliability & Maintainability
99999X / Low Cost Modifications	B-2	Capability Improvement

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110035 / LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	101.616	16.195	21.279	11.976	0.000	11.976	12.186	12.462	12.720	12.974	-	201.408
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	101.616	16.195	21.279	11.976	0.000	11.976	12.186	12.462	12.720	12.974	-	201.408
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>101.616</b>	<b>16.195</b>	<b>21.279</b>	<b>11.976</b>	<b>0.000</b>	<b>11.976</b>	<b>12.186</b>	<b>12.462</b>	<b>12.720</b>	<b>12.974</b>	-	<b>201.408</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Low Observable Signature and Supportability Modifications (LOSSM) program supports the B-2 ability to penetrate highly contested combat environments, performing missions directed by the National Command Authority while maximizing aircrew survivability. The LOSSM portfolio maintains and improves the combat-ready LO signature for the B-2 fleet, reduces low observable (LO) maintenance man hours, and increases aircraft availability. This Continuous Improvement Program (CIP) positions investment dollars to rapidly contract suppliers to move forward on mature technologies and materials. LOSSM works directly with the LO Center of Excellence (COE) and AFRL to collaborate on the latest technologies across platforms and Primes in the LO realm. LOSSM includes multiple improvement projects related to improved LO materials (conductive gap fillers and tape, adhesives, electrically resistive materials, radar absorbing material, fastener fills, coatings, and improved processes), LO structures (radar radomes, hot trailing edges and tiles, intermediate section doors, tailpipes, windscreens, bay panels, permanent fasteners, exhaust pockets, gust load alleviation system, inlets, radar absorbing structures, antenna optimization, overall signature stability, and Alternate High Frequency Material expansion), radio frequency (RF) diagnostic tools and a near-field radar evaluation system, flight line Tier I Material Inspection System (probes and standards), Signature Diagnostic System, Portable Laser Removal Tool, next generation Tier II and Tier III systems, Hand held Imaging Tool, Test Article 0998 for process demonstration, LO-related special test equipment, and B-2 specific improvements/efforts to AFRL's Mobile Diagnostic Laboratory).

Installs occur at Depot and flight line level and can include organic or contractor teams individually or combined.

The FY 2025 funding will be used for prioritized projects coordinated through AF Global Strike Command and the 509th Bomb Wing in support of the continued survivability and maintainability of the B-2 fleet as described above. Funds may be used to resolve emerging safety of flight and accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission readiness/effectiveness. This program addresses current and forecasted obsolescence, Diminishing Manufacturing Sources/Material Shortages (DMSMS), and effective and timely repairs at both the field and depot levels. It also targets components whose failure rates, mean time to repair (MTTR) hours, and performance levels fail to meet established baseline targets/specifications.

**Milestone/Development Status**

The LOSSM portfolio goes through periodic review with the PEO for an Acquisition Decision Memo. LOSSM projects are in varied states of maturity of completion thus there is no one Milestone for the portfolio. This program has associated Research Development Test and Evaluation funding in PE 0101127F.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110035 / LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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<b>Models of Systems Affected:</b> B-2	<b>Modification Type:</b> Reliability & Maintainability	<b>Related RDT&amp;E PEs:</b> 0101127F
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> LO Upgrades												
A Kits												
Recurring												
LO Upgrades:INSTALL KITS Group A (Active)	- / 20.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.751
<i>Subtotal: Recurring</i>	- / 20.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.751
<i>Subtotal: LO Upgrades</i>	- / 20.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.751
<i>Subtotal: Procurement, All Modification Items</i>	- / 20.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.751
<b>Support (All Modification Items)</b>												
GROUP A: TOTAL NONRECURRING	- / 2.717	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.717
Data	- / 5.603	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.603
OTHER GOVT	- / 148.461	- / 14.408	- / 18.570	- / 19.324	- / -	- / 19.324	- / 18.075	- / 16.903	- / 11.448	- / 11.677	- / -	- / 128.866
SUPPORT-EQUIP	- / 9.081	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.081
PMA - Other Gov't Costs	- / 15.003	- / 1.787	- / 2.709	- / 2.652	- / -	- / 2.652	- / 4.111	- / 5.559	- / 1.272	- / 1.297	- / -	- / 34.390
<i>Subtotal: Support</i>	- / 80.865	- / 16.195	- / 21.279	- / 11.976	- / -	- / 11.976	- / 12.186	- / 12.462	- / 12.720	- / 12.974	- / -	- / 180.657
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>101.616</b>	<b>16.195</b>	<b>21.279</b>	<b>11.976</b>	<b>0.000</b>	<b>11.976</b>	<b>12.186</b>	<b>12.462</b>	<b>12.720</b>	<b>12.974</b>	<b>-</b>	<b>201.408</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1			<b>P-1 Line Item Number / Title:</b> B00200 / B-2A			<b>Modification Number / Title:</b> 110035 / LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> LO Upgrades							
<b>Manufacturer Information</b>							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110043 / 110043/B-2 Advanced Communications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	14.537	0.000	8.650	24.197	0.000	24.197	35.802	20.684	-	-	-	103.870
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	14.537	0.000	8.650	24.197	0.000	24.197	35.802	20.684	-	-	-	103.870
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>14.537</b>	<b>0.000</b>	<b>8.650</b>	<b>24.197</b>	<b>0.000</b>	<b>24.197</b>	<b>35.802</b>	<b>20.684</b>	-	-	-	<b>103.870</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

B-2 Advanced Communications (formerly known only as B-2 Advanced Comms Adaptable Communications Suite) supports and enhances the aircraft's communications capabilities to keep the B-2 ready, effective, and survivable by complying with growing crypto mandates and mitigating end of life systems. Requirements include but are not limited to, Secure Beyond-Line-of-Sight (BLOS) communications, Line-of-Sight (LOS) communications, and the ability to communicate and operate in the Joint All-Domain Command and Control (JADC2) environment throughout all mission phases. Multiple modernization efforts are underway to achieve the requirements listed in the AFGSC1067, including, but not limited to, Adaptable Communications Suite (ACS) 4.0 and Airborne Integrated Terminal Group (AITG) Replacement.

ACS is a non-integrated system that provides SATCOM connectivity for Command and Control en route to the target. A critical capability is the ability to receive Airborne Mission Transfer (AMT) and BLOS situational awareness. Upgrades of the ACS racks are accomplished by multiple increments with multiple install schedules, the current fielded system is ACS 3.2. As requirements are identified, obsolescence issues may also be addressed to ensure continued system effectiveness. This effort includes improvements to the suite of B-2 ACS Ultra High Frequency (UHF) communications system in order to become part of the baseline configuration, as well as modernization upgrades to conform to mandates. The pending sunset of the UHF Follow-On satellite constellation will reduce ACS 3.2's communication effectiveness. ACS 4.0 will retain secure BLOS communication capabilities via the Multiple User Objective System (MUOS) satellite constellation.

Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill FAA or other necessary modifications to ensure continued aircrew safety and mission effectiveness.

Prior years procurement quantity and costs were from previous ACS increments. One (1) EMD unit for ACS 4.0 will be installed with Procurement funding.

**Milestone/Development Status**

ACS Increments 1 through 3.2 started development in 2006, with the final install of ACS Increment 3.2 completed in January 2021. ACS 4.0 program entered Tech Maturation & Risk Reduction (TMRR) phase in September 2018 and held the System Requirements Review (SRR) in March 2022. The program awarded the current follow-on TMRR phase in August 2022, and completed both System Functional Review (SFR)/ Preliminary Design Review (PDR) and Milestone B in December 2022. The follow-on EMD contract award with the prime contractor, Sierra Nevada Corporation (SNC), was awarded July 2023 and Milestone C is planned for 3QFY25

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B00200 / B-2A					<b>Modification Number / Title:</b> 110043 / 110043/B-2 Advanced Communications			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> B-2				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101127F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: ACS Upgrade</i>													
A Kits													
Recurring													
ACS Upgrade:INSTALL KITS Group A (Active)	- / 4.824	- / -	- / -	6 / 3.264	- / -	6 / 3.264	8 / 4.352	3 / 1.632	- / -	- / -	- / -	17 / 14.072	
<i>Subtotal: Recurring</i>	- / 4.824	- / -	- / -	- / 3.264	- / -	- / 3.264	- / 4.352	- / 1.632	- / -	- / -	- / -	- / 14.072	
B Kits													
Recurring													
ACS Upgrade:EQUIPMENT Group B (Active)	- / 0.090	- / -	- / -	6 / 9.018	- / -	6 / 9.018	8 / 12.024	3 / 4.509	- / -	- / -	- / -	17 / 25.641	
<i>Subtotal: Recurring</i>	- / 0.090	- / -	- / -	- / 9.018	- / -	- / 9.018	- / 12.024	- / 4.509	- / -	- / -	- / -	- / 25.641	
<i>Subtotal: ACS Upgrade</i>	- / 4.914	- / -	- / -	- / 12.282	- / -	- / 12.282	- / 16.376	- / 6.141	- / -	- / -	- / -	- / 39.713	
<i>Subtotal: Procurement, All Modification Items</i>	- / 4.914	- / -	- / -	- / 12.282	- / -	- / 12.282	- / 16.376	- / 6.141	- / -	- / -	- / -	- / 39.713	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.456	- / -	- / -	- / -	- / 1.456	
GROUP B: TOTAL NONRECURRING	- / 0.659	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.659	
Change Orders	- / 0.000	- / -	- / -	- / 12.013	- / -	- / 12.013	- / 1.878	- / 2.100 <sup>(1)</sup>	- / -	- / -	- / -	- / 15.991	
GFP	- / -	- / -	- / 17.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.000	
Data	- / 4.609	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.609	
OTHER GOVT	- / 0.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.452	
PMA - Other Gov't Costs	- / 1.231	- / -	- / 1.650	- / 17.165	- / -	- / 17.165	- / 14.420	- / 9.814	- / -	- / -	- / -	- / 34.280	
SUPPORT-EQUIP	- / 12.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.672	
<i>Subtotal: Support</i>	- / 9.623	- / -	- / 8.650	- / 19.178	- / -	- / 19.178	- / 16.298	- / 13.370	- / -	- / -	- / -	- / 57.119	
<b>Installation</b>													
<i>Modification Item 1 of 1: ACS Upgrade</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	7 / 2.737	- / -	7 / 2.737	8 / 3.128	3 / 1.173	- / -	- / -	- / -	18 / 7.038	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>14.537</b>	<b>0.000</b>	<b>8.650</b>	<b>24.197</b>	<b>0.000</b>	<b>24.197</b>	<b>35.802</b>	<b>20.684</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>103.870</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110043 / 110043/B-2 Advanced Communications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** ACS Upgrade

**Manufacturer Information**

Manufacturer Name: Sierra Nevada Corporation	Manufacturer Location: Englewood, CO
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Nov 2024	Oct 2025	Oct 2026		
Delivery Dates			May 2025	Apr 2026	Apr 2027		

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	7 <sup>(2)</sup> / 2.737	- / -	7 / 2.737	- / -	- / -	- / -	- / -	- / -	7 / 2.737
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.128	- / -	- / -	- / -	- / -	8 / 3.128
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.173	- / -	- / -	- / -	3 / 1.173
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	7 / 2.737	- / -	7 / 2.737	8 / 3.128	3 / 1.173	- / -	- / -	- / -	18 / 7.038

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	2	5	-	-	4	4	-	-	3	-	-	-	-	-	-	-	-	-	0	18
Out	0	-	-	-	-	-	-	-	-	-	-	-	2	5	-	-	4	4	-	-	3	-	-	-	-	-	-	-	-	0	18

**Footnotes:**  
 (1) Will be realigned to spares.  
 (2) Installing one (1) operationalized EMD asset in 4Q FY25



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110044 / B-2 DMS / Displays

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	41.768	28.156	5.285	0.000	5.285	3.848	3.452	0.014	0.014	-	82.537
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	41.768	28.156	5.285	0.000	5.285	3.848	3.452	0.014	0.014	-	82.537
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>41.768</b>	<b>28.156</b>	<b>5.285</b>	<b>0.000</b>	<b>5.285</b>	<b>3.848</b>	<b>3.452</b>	<b>0.014</b>	<b>0.014</b>	-	<b>82.537</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	9.242	-	-	-	-	-	-	-	-	-	9.242
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The B-2 Display Modernization (BDM) program will modernize the eight primary B-2 cockpit displays. The current displays known as Multi-function Display Units (MDUs) are experiencing significant obsolescence issues that are unsustainable. Increasing failure rates and reliance on the legacy Cathode Ray Tube (CRT) technology with no industry base has led to increased cannibalization actions and degraded readiness status known as Mission Impaired Capability Awaiting Parts (MICAP), which will impact aircraft availability in FY27.

The B-2 BDM program will deliver fully integrated MDUs. Each aircraft kit will fully replace the aging and unrepairable legacy MDUs. The program baseline includes updated display software in support of the new MDUs. During 3600 development, the engineering baseline will be finalized and four production representative kits will be procured to support integrated development/operational test and development evaluation testing, as well as B-2 Nuclear Certification testing.

The BDM MS-C decision approval was in Q3FY23. The BDM production contract awarded 4QFY23 to reach the required assets for Full Operational Capability (FOC) by the need date of the B-2's #1 MICAP in September 2026. Aircraft modification funds will be used to procure full hardware kits, which include procurement components. Life of type buys may be implemented, when appropriate, to address diminishing manufacturing sources and materiel shortages for affected components and sub-assemblies to protect the planned production program by mitigating unplanned part redesign and re-qualification risks. Funds may be used to resolve emerging safety of flight, deficiencies, manufacturing sources, materiel shortages, and diminishing manufacturing sources, accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

**Milestone/Development Status**

The Engineering Development Units were delivered in 2QFY23, and the first shipset of Flight Justification Units are scheduled to be delivered in 1QCY24. BDM Production contract award is planned for 4QFY23 after the initial product baseline is established prior to Milestone C. Combined Developmental Test & Evaluation (DTE) and Initial Operational Test & Evaluation (IOT&E) is planned for 1QFY25; Operational Test & Evaluation (OTE) is planned 2QFY25, and the final Technical Data Package (TDP) is planned for 4QFY25.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B00200 / B-2A					<b>Modification Number / Title:</b> 110044 / B-2 DMS / Displays			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> B-2				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101127F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0101127F	4 / 202.183	- / 50.749	- / 37.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 289.988	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> B-2 Displays Modernization (BDM) Equipment Group B (Active)													
B Kits													
Recurring													
B-2 Displays Modernization (BDM) Equipment Group B (Active):EQUIPMENT Group B (Active)	- / -	8 / 37.781	8 / 24.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 62.094	
<i>Subtotal: Recurring</i>	- / -	- / 37.781	- / 24.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 62.094	
<i>Subtotal: B-2 Displays Modernization (BDM) Equipment Group B (Active)</i>	- / -	- / 37.781	- / 24.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 62.094	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 37.781	- / 24.313	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 62.094	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / 4.116	- / -	- / 4.116	- / 0.008	- / 0.010	- / -	- / -	- / -	- / 4.134	
PMA - Other Gov't Costs	- / -	- / 3.987	- / 3.843	- / 1.169	- / -	- / 1.169	- / 3.840	- / 3.442	- / 0.014	- / 0.014	- / -	- / 16.309	
<i>Subtotal: Support</i>	- / -	- / 3.987	- / 3.843	- / 5.285	- / -	- / 5.285	- / 3.848	- / 3.452	- / 0.014	- / 0.014	- / -	- / 20.443	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>41.768</b>	<b>28.156</b>	<b>5.285</b>	<b>0.000</b>	<b>5.285</b>	<b>3.848</b>	<b>3.452</b>	<b>0.014</b>	<b>0.014</b>	<b>-</b>	<b>82.537</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1			<b>P-1 Line Item Number / Title:</b> B00200 / B-2A			<b>Modification Number / Title:</b> 110044 / B-2 DMS / Displays	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> B-2 Displays Modernization (BDM) Equipment Group B (Active)							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrup Grumman Corp				Manufacturer Location: Palmdale, CA			
Administrative Leadtime ( <i>in Months</i> ): 2				Production Leadtime ( <i>in Months</i> ): 18			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Sep 2023	Jan 2024					
Delivery Dates	Mar 2025	Jul 2025					
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 16		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110061 / IFF Mode 5/S

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.267	3.848	10.635	12.226	0.000	12.226	4.109	0.000	0.000	0.000	-	31.085
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.267	3.848	10.635	12.226	0.000	12.226	4.109	0.000	0.000	0.000	-	31.085
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.267</b>	<b>3.848</b>	<b>10.635</b>	<b>12.226</b>	<b>0.000</b>	<b>12.226</b>	<b>4.109</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>31.085</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The B-2 Identification Friend or Foe (IFF) Mode 5/S Program is part of B-2 Integrated Functional Capability (IFC) drop P6.6, which also includes software sustainment updates and form, fit, function hardware replacement. The IFC Process is the framework within which B-2 modernization and sustainment improvements are designed, developed, integrated, tested, and delivered. The intent of the IFC construct is to minimize the number of different aircraft configurations in the field at any one time and to maximize aircraft availability to the operator. IFC P6.6 is baselined off of IFCs P6.4 and P6.5. Planned B-2 IFF Mode 5/S Program (IFC P6.6) fielding will begin 4QFY24 thru 1QFY27.

The DoD established Global Air Traffic Management renamed Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) requirements in response to changes in global air traffic control procedures. IFF Mode 5/S is a required element of Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM). Mode 5 is the DoD/NATO mandated standard for secure combat identification and provides improved discrimination between closely spaced platforms, while reducing interference with civil air traffic control transponders enabling the B-2 fleet to accomplish its anti-access and global strike mission. Mode 5 replaced the obsolete Mode 4 combat identification. Mode S provides improved accuracy, altitude resolution and reduced interference from closely spaced aircraft through interrogation of assigned transponder addresses. Funding for this modification will be used for IFF transponder and Group A kit hardware purchases and hardware/software install/modification of the B-2 fleet, IFF related updates to B-2 training systems, and other items necessary to support IFF Mode 5/S install on the B-2 fleet. Seventeen kits are planned with procurement dollars, and the remaining three kits funded with RDT&E. The IFF transponders have a 12 month lead-time and Group A hardware has a 9-12 month lead-time from placement of order to delivery. In order to begin installs in 4QFY24, the IFF transponders and Group A hardware must be ordered in 1QFY24.

Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

Included in the installation schedule is one (1) EMD spare that will be installed with Procurement funding in FY24.

The requirement for the B-2 Airspace Compliance program is to modify 20 B-2 aircraft. Currently the program is funded to modify 10 aircraft (2 EMD + 8 Procurement). Future funding for the remaining fleet installs will be addressed in future budget cycles.

**Milestone/Development Status**

Milestone B decision and Engineering & Manufacturing Development (EMD) contract award occurred in 4QFY19 with EMD period of performance planned for 4QFY19 to 4QFY24. Milestone C and Production phase contract award is planned for 4QFY24.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110061 / IFF Mode 5/S
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>	
Aircraft Breakdown: ACTIVE 20, RESERVE 0, ANG 0, TOTAL 20		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B00200 / B-2A					<b>Modification Number / Title:</b> 110061 / IFF Mode 5/S			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> B-2A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101127F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0101127F	- / 57.362	- / 1.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 59.151	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Airspace Compliance</b>													
A Kits													
Recurring													
Airspace Compliance:INSTALL KITS Group A (Active)	- / -	- / -	9 / 2.700	6 / 1.500	- / -	6 / 1.500	3 / 0.660	- / -	- / -	- / -	- / -	18 / 4.860	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 2.700	- / 1.500	- / -	- / 1.500	- / 0.660	- / -	- / -	- / -	- / -	- / 4.860	
B Kits													
Recurring													
Airspace Compliance:EQUIPMENT Group B (Active)	- / -	20 / 1.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 1.666	
<b>Subtotal: Recurring</b>	- / -	- / 1.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.666	
<b>Subtotal: Airspace Compliance</b>	- / -	- / 1.666	- / 2.700	- / 1.500	- / -	- / 1.500	- / 0.660	- / -	- / -	- / -	- / -	- / 6.526	
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / 1.666	- / 2.700	- / 1.500	- / -	- / 1.500	- / 0.660	- / -	- / -	- / -	- / -	- / 6.526	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / -	- / 2.167	- / 2.090	- / -	- / 2.090	- / -	- / -	- / -	- / -	- / -	- / 4.257	
OTHER GOVT	- / -	- / 0.806	- / 1.280	- / 0.599	- / -	- / 0.599	- / -	- / -	- / -	- / -	- / -	- / 2.685	
GFP	- / -	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	
A&AS	- / 0.267	- / 1.292	- / 0.466	- / 2.248	- / -	- / 2.248	- / -	- / -	- / -	- / -	- / -	- / 4.273	
PMA - Other Gov't Costs	- / -	- / 0.084	- / 1.602	- / 0.669	- / -	- / 0.669	- / 0.249	- / -	- / -	- / -	- / -	- / 2.604	
<b>Subtotal: Support</b>	- / 0.267	- / 2.182	- / 6.015	- / 5.606	- / -	- / 5.606	- / 0.249	- / -	- / -	- / -	- / -	- / 14.319	
<b>Installation</b>													
<b>Modification Item 1 of 1: Airspace Compliance</b>	- / -	- / -	3 / 1.920	8 / 5.120	- / -	8 / 5.120	7 / 3.200	- / -	- / -	- / -	- / -	18 / 10.240	
<b>Subtotal: Installation</b>	- / -	- / -	3 / 1.920	8 / 5.120	- / -	8 / 5.120	7 / 3.200	- / -	- / -	- / -	- / -	18 / 10.240	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.267</b>	<b>3.848</b>	<b>10.635</b>	<b>12.226</b>	<b>0.000</b>	<b>12.226</b>	<b>4.109</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>31.085</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B00200 / B-2A	<b>Modification Number / Title:</b> 110061 / IFF Mode 5/S
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Airspace Compliance

**Manufacturer Information**

Manufacturer Name: Raytheon	Manufacturer Location: Aberdeen Proving Grounds, MD
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 4

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Jul 2024	Jul 2025	Mar 2026			
Delivery Dates		Nov 2024	Nov 2025	Jul 2026			

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	3 / 1.920	6 / 3.840	- / -	6 / 3.840	- / -	- / -	- / -	- / -	- / -	9 / 5.760
FY 2025	- / -	- / -	- / -	2 / 1.280	- / -	2 / 1.280	4 / 1.828	- / -	- / -	- / -	- / -	6 / 3.108
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.372	- / -	- / -	- / -	- / -	3 / 1.372
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	3 / 1.920	8 / 5.120	- / -	8 / 5.120	7 / 3.200	- / -	- / -	- / -	- / -	18 / 10.240

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	0	-	-	-	-	-	-	-	3	2	1	3	2	1	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	0	18
Out	0	-	-	-	-	-	-	-	1	1	2	3	1	2	1	2	3	2	-	-	-	-	-	-	-	-	-	-	-	0	18

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Number / Title:</b> B01B00 / B-1B
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101126F	<b>Other Related Program Elements:</b> 0101126F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	976.017	36.313	12.757	13.406	-	13.406	13.154	1.003	1.370	1.397	-	1,055.417
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	976.017	36.313	12.757	13.406	-	13.406	13.154	1.003	1.370	1.397	-	1,055.417
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>976.017</b>	<b>36.313</b>	<b>12.757</b>	<b>13.406</b>	<b>-</b>	<b>13.406</b>	<b>13.154</b>	<b>1.003</b>	<b>1.370</b>	<b>1.397</b>	<b>-</b>	<b>1,055.417</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The B-1B Lancer is a swing-wing, supersonic, long-range, conventional bomber. It carries the largest payload of both guided and unguided weapons in the Air Force inventory.

The multi-mission B-1B is the backbone of America's long-range conventional bomber force and can rapidly deliver massive quantities of precision (and non-precision) weapons against any adversary, anywhere in the world, at any time.

The B-1B modernization projects alleviate aircraft obsolescence issues due to Diminishing Manufacturing Sources (DMS) while at the same time providing improved capabilities to the B-1B weapon system that require significant hardware and software development and testing.

The total B-1B inventory is 45 aircraft with an expected service life beyond 2037.

Funding for this exhibit contained in PE 0101126F.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	36.313	12.757	13.406	-	13.406	13.154	1.003	1.370
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>36.313</b>	<b>12.757</b>	<b>13.406</b>	<b>-</b>	<b>13.406</b>	<b>13.154</b>	<b>1.003</b>	<b>1.370</b>

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft

**P-1 Line Item Number / Title:**  
B01B00 / B-1B

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101126F **Other Related Program Elements:** 0101126F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	B-1B				- / 976.017	- / 36.313	- / 12.757	- / 3.342	- / 0.000	- / 3.342
P-3a	92319 / External Pylons (Capability Improvement)		B		- / -	- / -	- / -	- / 10.064	- / 0.000	- / 10.064
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 976.017</b>	<b>- / 36.313</b>	<b>- / 12.757</b>	<b>- / 13.406</b>	<b>- / -</b>	<b>- / 13.406</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	B-1B				- / 2.770	- / 1.003	- / 1.370	- / 1.397	- / 0.000	- / 1,034.969
P-3a	92319 / External Pylons (Capability Improvement)		B		- / 10.384	- / 0.000	- / 0.000	- / 0.000	- / -	- / 20.448
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 13.154</b>	<b>- / 1.003</b>	<b>- / 1.370</b>	<b>- / 1.397</b>	<b>- / -</b>	<b>- / 1,055.417</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod 92319, External Pylons, is a new start.

Where applicable, justification for individual modifications is provided in the P-3A exhibits.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 1 **P-1 Line Item Number / Title:** B01B00 / B-1B **Aggregated Modification Items Title:** B-1B

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4280 / Fully Integrated Data Links			-	-	419.645	-	-	10.366	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	10.366		-	-		-	-		-	-		-	
4284 / CITS UPGRADE			-	-	128.829	-	-	4.703	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	4.703		-	-		-	-		-	-		-	
4291 / B-1 TRAINING SUPPORT			-	-	5.908	-	-	0.101	-	-	0.500	-	-	0.513	-	-	-	-	0.513	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.101		-	0.500		-	0.513		-	-		0.513	
8971 / VERTICAL SITUATION DISPLAYS			-	-	301.893	-	-	6.828	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	6.828		-	-		-	-		-	-		-	
92294 / LAPTOP CONTROLLED TARGETING POD			-	-	89.563	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92314 / MIDS-JTRS			-	-	10.845	-	-	6.595	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	6.595		-	0.000		-	-		-	-		-	
92316 / Radio Crypto Compliance			-	-	-	-	-	7.719	-	-	12.256	-	-	2.828	-	-	-	-	2.828	
<i>Secondary Distribution</i>																				
AF				-	-		-	7.719		-	12.256		-	2.828		-	-		2.828	
92317 / IFF Mode 5/S ADS-B			-	-	9.774	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.000		-	0.000		-	-		-	-		-	
99999X / Low Cost Modifications			-	-	9.560	-	-	0.001	-	-	0.001	-	-	0.001	-	-	-	-	0.001	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.001		-	0.001		-	0.001		-	-		0.001	
<b>Total</b>			-	-	<b>976.017</b>	-	-	<b>36.313</b>	-	-	<b>12.757</b>	-	-	<b>3.342</b>	-	-	<b>0.000</b>	-	<b>3.342</b>	
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4280 / Fully Integrated Data Links			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	430.011	

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 1 **P-1 Line Item Number / Title:** B01B00 / B-1B **Aggregated Modification Items Title:** B-1B

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4284 / CITS UPGRADE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	133.532
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4291 / B-1 TRAINING SUPPORT			-	-	0.521	-	-	0.533	-	-	0.890	-	-	0.908	-	-	-	-	-	9.874
<i>Secondary Distribution</i>																				
AF			-	-	0.521	-	-	0.533	-	-	0.890	-	-	0.908	-	-	-	-	-	-
8971 / VERTICAL SITUATION DISPLAYS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	308.721
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92294 / LAPTOP CONTROLLED TARGETING POD			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89.563
92314 / MIDS-JTRS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.440
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92316 / Radio Crypto Compliance			-	-	2.248	-	-	0.469	-	-	0.479	-	-	0.488	-	-	-	-	-	26.487
<i>Secondary Distribution</i>																				
AF			-	-	2.248	-	-	0.469	-	-	0.479	-	-	0.488	-	-	-	-	-	-
92317 / IFF Mode 5/S ADS-B			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.774
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99999X / Low Cost Modifications			-	-	0.001	-	-	0.001	-	-	0.001	-	-	0.001	-	-	-	-	-	9.567
<i>Secondary Distribution</i>																				
AF			-	-	0.001	-	-	0.001	-	-	0.001	-	-	0.001	-	-	-	-	-	-
<b>Total</b>			-	-	<b>2.770</b>	-	-	<b>1.003</b>	-	-	<b>1.370</b>	-	-	<b>1.397</b>	-	-	<b>0.000</b>	-	-	<b>1,034.969</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
4280 / Fully Integrated Data Links	B-1B	Capability Improvement
4284 / CITS UPGRADE	B-1B	Service Life Extension

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B01B00 / B-1B	<b>Aggregated Modification Items Title:</b> B-1B
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Item Number / Title	Models of Systems Affected	Modification Type
4291 / B-1 TRAINING SUPPORT	B-1B	Capability Improvement
8971 / VERTICAL SITUATION DISPLAYS	B-1B	Service Life Extension
92294 / LAPTOP CONTROLLED TARGETING POD	B-1B	Capability Improvement
92314 / MDS-JTRS	B-1	Capability Improvement
92316 / Radio Crypto Compliance	B-1	Capability Improvement
92317 / IFF Mode 5/S ADS-B	B-1	Capability Improvement
99999X / Low Cost Modifications	B-1B	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B01B00 / B-1B	<b>Modification Number / Title:</b> 92319 / External Pylons

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	10.064	0.000	10.064	10.384	0.000	0.000	0.000	-	20.448
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	-	10.064	0.000	10.064	10.384	0.000	0.000	0.000	-	20.448
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>10.064</b>	<b>0.000</b>	<b>10.064</b>	<b>10.384</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>20.448</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 92319, External Pylons, is a new start.

The B-1B external heavy-stores pylon program provides increased carriage capacity of standoff munitions on B-1B aircraft. Maximum carriage of existing standoff munitions on the B-1B provides a near-term solution to fill the operational need to increase volume of fires from standoff ranges to close existing combatant command gaps. This increased volume serves to mitigate transition risk of the Air Force bomber fleet prior to the emergence of the B-21 as a combat capable bomber.

The B-1B was originally manufactured to carry and employ external weapons, however this capability was subsequently removed. The external heavy-stores pylon will utilize the external hardpoints which remain from this legacy capability.

The production strategy is to buy-to-budget in two production lots. Each pylon procurement consists of Group A (Install Kit) and Group B (Equipment Kit).

Each Group A Kit (Install Kit) includes a wiring harness kit and a hardware kit.

Each Group B Kit (Equipment Kit) includes a Load Adjustable Modular (LAM) Pylon.

Milestone/Development Status

TBD

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	10.064	-	10.064	10.384	-	-	-
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	-	-	<b>10.064</b>	<b>0.000</b>	<b>10.064</b>	<b>10.384</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B01B00 / B-1B					<b>Modification Number / Title:</b> 92319 / External Pylons			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> B1				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> External Pylons													
A Kits													
Recurring													
External Pylons:INSTALL KITS Group A (Active)	- / -	- / -	- / -	11 / 10.064	- / -	11 / 10.064	11 / 10.384	- / -	- / -	- / -	- / -	22 / 20.448	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 10.064	- / -	- / 10.064	- / 10.384	- / -	- / -	- / -	- / -	- / 20.448	
<i>Subtotal: External Pylons</i>	- / -	- / -	- / -	- / 10.064	- / -	- / 10.064	- / 10.384	- / -	- / -	- / -	- / -	- / 20.448	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 10.064	- / -	- / 10.064	- / 10.384	- / -	- / -	- / -	- / -	- / 20.448	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	10.064	0.000	10.064	10.384	0.000	0.000	0.000	-	20.448	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1			<b>P-1 Line Item Number / Title:</b> B01B00 / B-1B			<b>Modification Number / Title:</b> 92319 / External Pylons	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> External Pylons							
<b>Manufacturer Information</b>							
Manufacturer Name: The Boeing Company				Manufacturer Location: Oklahoma City			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 16			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Feb 2025	Oct 2025			
Delivery Dates			Jun 2026	Jun 2027			
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 22		



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Number / Title:</b> B05200 / B-52
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101113F	<b>Other Related Program Elements:</b> 0101113F
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**Line Item MDAP/MAIS Code:** 574

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	776.279	70.303	65.815	194.832	-	194.832	267.169	1,092.683	1,047.284	988.289	7,340.538	11,843.192
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	776.279	70.303	65.815	194.832	-	194.832	267.169	1,092.683	1,047.284	988.289	7,340.538	11,843.192
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>776.279</b>	<b>70.303</b>	<b>65.815</b>	<b>194.832</b>	<b>-</b>	<b>194.832</b>	<b>267.169</b>	<b>1,092.683</b>	<b>1,047.284</b>	<b>988.289</b>	<b>7,340.538</b>	<b>11,843.192</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	8.523	9.173	20.181	-	20.181	1.507	0.227	0.232	0.237	-	40.080
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The B-52H is a long-range strategic bomber capable of delivering the widest variety of nuclear and conventional standoff and direct attack munitions in the Air Force. The Air Force maintains 76 B-52Hs in its inventory. The Air Force plans to fly the B-52H to 2050. The B-52H averages 20,371 airframe hours as of Mar 2023.

This line item funds modifications to the B-52H aircraft.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding for the exhibit contained in PE 0101113F. Funding under this PE may be used to alleviate Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues.

The FY 2025 funding request was reduced by \$14.858 million to account for the availability of prior year execution balances.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	67.927	58.582	163.840	-	163.840	239.131	1,068.265	1,008.567
AFR	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.376	7.233	30.992	-	30.992	28.038	24.418	38.717
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>70.303</b>	<b>65.815</b>	<b>194.832</b>	<b>-</b>	<b>194.832</b>	<b>267.169</b>	<b>1,092.683</b>	<b>1,047.284</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft

**P-1 Line Item Number / Title:**  
B05200 / B-52

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101113F **Other Related Program Elements:** 0101113F

**Line Item MDAP/MAIS Code:** 574

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	B-52				- / 710.731	- / 15.647	- / 1.852	- / 7.620	- / 0.000	- / 7.620
P-3a	6889 / Bomber Tactical Data link (Capability Improvement)		B		- / 41.943	- / 32.358	- / 23.369	- / 34.869	- / 0.000	- / 34.869
P-3a	6890 / B-52 Radar Modernization (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 117.305	- / 0.000	- / 117.305
P-3a	6894 / B-52 Crypto Modernization (Capability Improvement)		B		- / 3.452	- / 10.809	- / 14.081	- / 8.548	- / 0.000	- / 8.548
P-3a	6896 / B-52 VLF/LF Modernization (Capability Improvement)		B		- / 20.153	- / 11.489	- / 26.513	- / 26.490	- / 0.000	- / 26.490
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 776.279</b>	<b>- / 70.303</b>	<b>- / 65.815</b>	<b>- / 194.832</b>	<b>- / -</b>	<b>- / 194.832</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	B-52				- / 41.329	- / 811.230	- / 815.469	- / 808.232	- / 6,839.688	- / 10,051.798
P-3a	6889 / Bomber Tactical Data link (Capability Improvement)		B		- / 49.717	- / 35.071	- / 9.880	- / 0.016	- / 1.151	- / 228.374
P-3a	6890 / B-52 Radar Modernization (Capability Improvement)		B		- / 132.237	- / 208.142	- / 205.797	- / 169.807	- / 438.860	- / 1,272.148
P-3a	6894 / B-52 Crypto Modernization (Capability Improvement)		B		- / 28.619	- / 30.294	- / 11.459	- / 9.856	- / 60.461	- / 177.579
P-3a	6896 / B-52 VLF/LF Modernization (Capability Improvement)		B		- / 15.267	- / 7.946	- / 4.679	- / 0.378	- / 0.378	- / 113.293
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 267.169</b>	<b>- / 1,092.683</b>	<b>- / 1,047.284</b>	<b>- / 988.289</b>	<b>- / 7,340.538</b>	<b>- / 11,843.192</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

This program, P-3A Mod 6890, B-52 Radar Modernization, is a new start.  
This program, P-3A Mod 6897, B-52 CERP, is a new start.

The following programs are requesting procurement funding in FY25, more information for each program can be found in the respective P-3As:

- 6885/AETC Trainers:
- 6889/Bomber Tactical Data Link
- 6890 / B-52 Radar Modernization
- 6892/B-52 Low Cost Improvements
- 6884/B-52 Crypto Modernization
- 6896/B-52 VLF/LF Modernization
- 6897/B-52 CERP
- 1/Other Mods

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 1 **P-1 Line Item Number / Title:** B05200 / B-52 **Aggregated Modification Items Title:** B-52

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3265 / B-52 Anti-Skid Replacement			-	-	22.873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3310 / B-52 Combat Network Communications Technology			-	-	635.762	-	-	5.258	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	5.258		-	-		-	-		-	-		-	
6885 / AETC Trainers (B-52)			-	-	0.389	-	-	0.560	-	-	0.744	-	-	0.814	-	-	-	-	0.814	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.560		-	0.744		-	0.814		-	-		0.814	
6891 / B-52 WST AR Upgrade Trainer			-	-	0.855	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6892 / B-52 Low Cost Improvements			-	-	20.278	-	-	0.545	-	-	0.662	-	-	2.736	-	-	-	-	2.736	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.545		-	0.662		-	2.736		-	-		2.736	
6893 / GPS-IU Replacement			-	-	7.863	-	-	8.784	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	8.784		-	-		-	-		-	-		-	
6897 / B-52 CERP			-	-	-	-	-	-	-	-	-	-	-	2.104	-	-	-	-	2.104	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	2.104		-	-		2.104	
6899 / B-52 Quad Crew Initiative			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
6900 / Advanced Extremely High Frequency (AEHF)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
AFR				-	-		-	-		-	-		-	-		-	-		-	
6901 / Airspace Compliance			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
99999X / Other Mods			-	-	22.711	-	-	0.500	-	-	0.446	-	-	1.966	-	-	-	-	1.966	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.500		-	0.446		-	1.966		-	-		1.966	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 1 **P-1 Line Item Number / Title:** B05200 / B-52 **Aggregated Modification Items Title:** B-52

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Total</b>			-	-	710.731	-	-	15.647	-	-	1.852	-	-	7.620	-	-	0.000	-	-	7.620
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3265 / B-52 Anti-Skid Replacement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.873
3310 / B-52 Combat Network Communications Technology			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	641.020
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6885 / AETC Trainers (B-52)			-	-	2.866	-	-	2.930	-	-	4.888	-	-	4.984	-	-	-	-	-	18.175
<i>Secondary Distribution</i>																				
AF			-	-	2.866	-	-	2.930	-	-	4.888	-	-	4.984	-	-	-	-	-	-
6891 / B-52 WST AR Upgrade Trainer			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.855
6892 / B-52 Low Cost Improvements			-	-	2.783	-	-	2.846	-	-	2.905	-	-	2.963	-	-	-	-	-	35.718
<i>Secondary Distribution</i>																				
AF			-	-	2.783	-	-	2.846	-	-	2.905	-	-	2.963	-	-	-	-	-	-
6893 / GPS-IU Replacement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.647
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6897 / B-52 CERP			-	-	20.757	-	-	735.391	-	-	708.079	-	-	722.150	-	-	6,811.213	-	-	8,999.694
<i>Secondary Distribution</i>																				
AF			-	-	20.757	-	-	735.391	-	-	708.079	-	-	722.150	-	-	-	-	-	-
6899 / B-52 Quad Crew Initiative			-	-	-	-	8.673	-	-	32.391	-	-	23.323	-	-	28.475	-	-	-	92.862
<i>Secondary Distribution</i>																				
AF			-	-	-	-	8.673	-	-	32.391	-	-	23.323	-	-	-	-	-	-	-
6900 / Advanced Extremely High Frequency (AEHF)			-	-	-	-	46.794	-	-	52.305	-	-	54.812	-	-	-	-	-	-	153.911
<i>Secondary Distribution</i>																				
AF			-	-	-	-	41.144	-	-	46.405	-	-	45.212	-	-	-	-	-	-	-
AFR			-	-	-	-	5.650	-	-	5.900	-	-	9.600	-	-	-	-	-	-	-
6901 / Airspace Compliance			-	-	14.563	-	-	14.596	-	-	14.901	-	-	-	-	-	-	-	-	44.060

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force</b>													<b>Date: March 2024</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1						<b>P-1 Line Item Number / Title:</b> B05200 / B-52						<b>Aggregated Modification Items Title:</b> B-52						

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF			-	-	14.563	-	-	14.596	-	-	14.901	-	-	-	-	-	-	-	-	
99999X / Other Mods			-	-	0.360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.983
<i>Secondary Distribution</i>																				
AF			-	-	0.360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>41.329</b>	-	-	<b>811.230</b>	-	-	<b>815.469</b>	-	-	<b>808.232</b>	-	-	<b>6,839.688</b>	-	-	<b>10,051.798</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
3265 / B-52 Anti-Skid Replacement	B-52H	Reliability & Maintainability
3310 / B-52 Combat Network Communications Technology	B-52H	Capability Improvement
6885 / AETC Trainers (B-52)	B-52H	Other
6891 / B-52 WST AR Upgrade Trainer	NA	Other
6892 / B-52 Low Cost Improvements	B-52	Capability Improvement
6893 / GPS-IU Replacement	B-52H	Capability Improvement
6897 / B-52 CERP	B-52	Reliability & Maintainability
6899 / B-52 Quad Crew Initiative	B-52	Capability Improvement
6900 / Advanced Extremely High Frequency (AEHF)	B-52H	Capability Improvement
6901 / Airspace Compliance	B-52H	Capability Improvement
99999X / Other Mods	B-52H	Other

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6889 / Bomber Tactical Data link

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	41.943	32.358	23.369	34.869	0.000	34.869	49.717	35.071	9.880	0.016	1.151	228.374
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	41.943	32.358	23.369	34.869	0.000	34.869	49.717	35.071	9.880	0.016	1.151	228.374
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>41.943</b>	<b>32.358</b>	<b>23.369</b>	<b>34.869</b>	<b>0.000</b>	<b>34.869</b>	<b>49.717</b>	<b>35.071</b>	<b>9.880</b>	<b>0.016</b>	<b>1.151</b>	<b>228.374</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	4.876	-	4.773	3.299	-	3.299	-	-	-	-	-	12.948
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Bomber Tactical Data Link (TDL) will provide low latency, jam-resistant situational awareness and command/control needed to support in-theater operations/missions via a Line-of-Sight (LOS) Link 16 capability. The program consists of integrating an existing off-the-shelf Link 16 terminal into the B-52H. Integration includes Group A wiring, rack, and antennas, along with the Group B blanking unit and notch filter Line Replaceable Units (LRU). Multi-Functional Information Distribution System Joint Tactical Radio System (MIDS-JTRS) terminals will be installed inside Section 41 of the aircraft and two external antennas will be mounted on the top and bottom of the fuselage. The TDL terminal and LOS capability will be integrated with the rest of the Combat Network Communications Technology (CONNECT) subsystem. Updates to Common Link Integration Processing (CLIP) will be required to support both LOS and Beyond Line-of-Sight (BLOS) message processing.

This modification is required for the B-52 fleet of 76 aircraft. This modification includes procurement of 74 contractor provided aircraft kits and 2 Engineering and Manufacturing Development (EMD) kits that will be installed via programmed depot maintenance (PDM) and contract field teams (CFT).

Funds may be used to address requirements including, but not limited to, emerging and short-notice Diminishing Manufacturing Sources and Material Shortages (DMSMS) for both aircraft and associated training systems, test, and safety of flight issues. Additionally, funds may accommodate Program Management Administration (PMA) and support, rapid technology insertion, and fulfill Federal Aviation Agency (FAA) or other mandates necessary to ensure continued aircrew safety and mission effectiveness. DMSMS efforts include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient, as well as implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative.

**Milestone/Development Status**

Lot 1 contract awarded Feb 2022.  
Milestone C decision issued May 2023.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.982	20.301	31.767	-	31.767	44.252	34.186	8.775	0.011
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.376	3.068	3.102	-	3.102	5.465	0.885	1.105	0.005
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6889 / Bomber Tactical Data link
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	32.358	23.369	34.869	0.000	34.869	49.717	35.071	9.880	0.016

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B05200 / B-52					<b>Modification Number / Title:</b> 6889 / Bomber Tactical Data link		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> B-52H				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101113F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0101113F	2 / 44.801	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 44.801
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> Link-16												
A Kits												
Recurring												
Link-16:INSTALL KITS Group A (Active)	6 / 10.674	7 / 5.544	3 / 2.376	18 / 14.382	- / -	18 / 14.382	17 / 13.909	5 / 4.377	- / -	- / -	- / -	56 / 51.262
Link-16:INSTALL KITS Group A (Reserve)	4 / 7.116	3 / 2.376	3 / 2.376	3 / 2.397	- / -	3 / 2.397	5 / 4.090	- / -	- / -	- / -	- / -	18 / 18.355
<i>Subtotal: Recurring</i>	- / 17.790	- / 7.920	- / 4.752	- / 16.779	- / -	- / 16.779	- / 17.999	- / 4.377	- / -	- / -	- / -	- / 69.617
B Kits												
Recurring												
Link-16:EQUIPMENT Group B (Active)	17 / 3.503	- / -	- / -	17 / 3.995	- / -	17 / 3.995	17 / 4.616	5 / 1.452	- / -	- / -	- / -	56 / 13.566
Link-16:EQUIPMENT Group B (Reserve)	10 / 2.060	- / -	- / -	3 / 0.705	- / -	3 / 0.705	5 / 1.375	- / -	- / -	- / -	- / -	18 / 4.140
<i>Subtotal: Recurring</i>	- / 5.563	- / -	- / -	- / 4.700	- / -	- / 4.700	- / 5.991	- / 1.452	- / -	- / -	- / -	- / 17.706
<i>Subtotal: Link-16</i>	- / 23.353	- / 7.920	- / 4.752	- / 21.479	- / -	- / 21.479	- / 23.990	- / 5.829	- / -	- / -	- / -	- / 87.323
<i>Subtotal: Procurement, All Modification Items</i>	- / 23.353	- / 7.920	- / 4.752	- / 21.479	- / -	- / 21.479	- / 23.990	- / 5.829	- / -	- / -	- / -	- / 87.323
<b>Support (All Modification Items)</b>												
GROUP A: TOTAL NONRECURRING	- / 2.243	- / 2.681	- / 2.728	- / 7.498	- / -	- / 7.498	- / 4.997	- / 3.529	- / 0.386	- / -	- / -	- / 24.062
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.146	- / -	- / -	- / -	- / -	- / 1.146
ICS-Labor	- / 0.044	- / -	- / 0.564	- / 0.322	- / -	- / 0.322	- / 0.329	- / 0.336	- / 0.494	- / -	- / -	- / 2.089
GFP	- / -	- / -	- / -	- / 1.963	- / -	- / 1.963	- / 2.005	- / 2.050	- / 2.095	- / -	- / -	- / 8.113
SUPPORT-EQUIP	- / 0.462	- / -	- / 0.454	- / -	- / -	- / -	- / 0.473	- / 0.484	- / -	- / -	- / -	- / 1.873
OTHER GOVT	- / 15.841	- / 14.634	- / 0.499	- / 1.630	- / -	- / 1.630	- / 5.951	- / 6.200	- / -	- / -	- / -	- / 44.755
PMA - Contractor Services	- / -	- / 3.599	- / 8.564	- / 1.140	- / -	- / 1.140	- / 6.384	- / 7.767	- / 1.834	- / -	- / -	- / 29.288
Change Orders	- / -	- / 3.524	- / 14.078	- / 0.837	- / -	- / 0.837	- / 4.442	- / 5.777	- / 0.312	- / -	- / -	- / 18.970
<i>Subtotal: Support</i>	- / 18.590	- / 24.438	- / 16.887	- / 13.390	- / -	- / 13.390	- / 25.727	- / 26.143	- / 5.121	- / -	- / -	- / 130.296
<b>Installation</b>												
<i>Modification Item 1 of 1:</i> Link-16	- / -	- / -	10 / 1.730	- / -	- / -	- / -	- / -	14 / 3.099	23 / 4.759	22 / 0.016	5 / 1.151	74 / 10.755
<i>Subtotal: Installation</i>	- / -	- / -	10 / 1.730	- / -	- / -	- / -	- / -	14 / 3.099	23 / 4.759	22 / 0.016	5 / 1.151	74 / 10.755
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>41.943</b>	<b>32.358</b>	<b>23.369</b>	<b>34.869</b>	<b>0.000</b>	<b>34.869</b>	<b>49.717</b>	<b>35.071</b>	<b>9.880</b>	<b>0.016</b>	<b>1.151</b>	<b>228.374</b>



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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6889 / Bomber Tactical Data link
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Link-16

**Manufacturer Information**

Manufacturer Name: Boeing	Manufacturer Location: Oklahoma City, OK
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 26

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2024	Dec 2024	Sep 2025	Sep 2026	Sep 2027		
Delivery Dates	Feb 2027	Feb 2027	Nov 2027	Nov 2028	Nov 2029		

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.002	- / -	- / -	6 / 1.002
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.004	- / -	6 / 0.004
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.002	6 / 0.004	- / -	12 / 1.006

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	2	1	2	1	2	0	12
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	2	1	2	1	2	0	12

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	10 / 1.730	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.730

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6889 / Bomber Tactical Data link
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** Link-16

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.214	- / -	- / -	- / -	10 / 2.214
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.885	2 / 0.442	- / -	- / -	6 / 1.327
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 3.315	- / -	- / -	15 / 3.315
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.012	- / -	16 / 0.012
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.151	5 / 1.151
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	10 / 1.730	- / -	- / -	- / -	- / -	14 / 3.099	17 / 3.757	16 / 0.012	5 / 1.151	62 / 9.749

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	4	3	3	-	-	-	-	-	-	-	-	-	4	5	5	4	4	4	5	4	4	4	4	5	62
Out	0	-	-	-	-	-	4	3	3	-	-	-	-	-	-	-	-	-	4	5	5	4	4	4	5	4	4	4	4	5	62

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6890 / B-52 Radar Modernization

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	0.000	117.305	0.000	117.305	132.237	208.142	205.797	169.807	438.860	1,272.148
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	0.000	117.305	0.000	117.305	132.237	208.142	205.797	169.807	438.860	1,272.148
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>117.305</b>	<b>0.000</b>	<b>117.305</b>	<b>132.237</b>	<b>208.142</b>	<b>205.797</b>	<b>169.807</b>	<b>438.860</b>	<b>1,272.148</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	0.000	0.000	0.000	12.245	-	12.245	0.223	0.227	0.232	0.237	-	13.164
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 6890, B-52 Radar Modernization, is a new start.

The B-52H Radar Modernization Program (RMP) supports nuclear and conventional operations by replacing the current APQ-166 radar on the B-52H aircraft. The APQ-166 system will be increasingly difficult to sustain due to diminished manufacturing sources (DMS) and obsolescent technologies; the current failure rate places long-duration missions at risk. This modernization program will encompass the radar antenna array, 12 individual LRUs, radar control panel, radome, and Group A allocation that comprise the entire radar system. RMP will take advantage of advances in technology and on-going development efforts to acquire, to the maximum extent possible, previously developed Radar systems and integrate them into the B-52. The use of new technology will increase both the overall reliability of the radar system and the capabilities for new missions. RMP will allow the operational command (AF Global Strike Command) to fully utilize the capabilities of the B-52H aircraft to employ an array of weapons and to perform mission-essential navigation and weather avoidance functions. In addition, all the applicable training devices for the new radar subsystem must also be developed, modified and/or upgraded in conjunction with the aircraft modifications.

This modification includes procurement of 74 aircraft kits and 2 EMD aircraft kits.

Funds may be used to address requirements including, but not limited to, emerging and short-notice DMSMS for both aircraft and associated training systems, test, and safety of flight issues. Additionally, funds may accommodate PMA and support, rapid technology insertion, and fulfill Federal Aviation Agency (FAA) or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

**Milestone/Development Status**

Material Development Decision (MDD) March 2017; Acquisition Strategy (AS) Approved March 2018; Development RFP Release Decision (DRFPRD) September 2019.

The team completed System PDR in October 2020, Milestone B in June 2021, awarded the EMD contract in June 2021, and conducted System CDR in February 2022.

Development Testing is forecasted Sep 2024

Operational Testing is forecasted Nov 2026

The increase in Fiscal Year 2027 Group B Nonrecurring costs is attributed to Group B hardware and additional costs to configure 3 system integration labs (SILs) with RMP capability.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	-	93.665	-	93.665	116.737	194.052	177.843	143.151

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6890 / B-52 Radar Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

	<b>Secondary Distribution</b>	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	23.640	-	23.640	15.500	14.090	27.954	26.656
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>0.000</b>	<b>0.000</b>	<b>117.305</b>	<b>0.000</b>	<b>117.305</b>	<b>132.237</b>	<b>208.142</b>	<b>205.797</b>	<b>169.807</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B05200 / B-52					<b>Modification Number / Title:</b> 6890 / B-52 Radar Modernization			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> B-52H				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101113F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0101113F	- / 489.888	- / 239.814	- / 204.349	- / 179.765	- / -	- / 179.765	- / 143.505	- / 64.292	- / 9.750	- / 3.928	- / -	- / 1,335.291	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Radar Modernization</b>													
A Kits													
Recurring													
Radar Modernization:INSTALL KITS Group A (Active)	- / -	- / -	- / -	8 / 8.104	- / -	8 / 8.104	7 / 7.252	4 / 4.240	11 / 11.924	7 / 7.763	19 / 21.747	56 / 61.030	
Radar Modernization:INSTALL KITS Group A (Reserve)	- / -	- / -	- / -	3 / 3.039	- / -	3 / 3.039	2 / 2.072	1 / 1.060	3 / 3.252	3 / 3.327	6 / 6.888	18 / 19.638	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 11.143	- / -	- / 11.143	- / 9.324	- / 5.300	- / 15.176	- / 11.090	- / 28.635	- / 80.668	
B Kits													
Recurring													
Radar Modernization:EQUIPMENT Group B (Active)	- / -	- / -	- / -	8 / 54.936	- / -	8 / 54.936	7 / 46.998	4 / 27.400	11 / 76.912	7 / 49.987	19 / 131.617	56 / 387.850	
Radar Modernization:EQUIPMENT Group B (Reserve)	- / -	- / -	- / -	3 / 20.601	- / -	3 / 20.601	2 / 13.428	1 / 6.850	3 / 20.976	3 / 21.423	6 / 41.688	18 / 124.966	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 75.537	- / -	- / 75.537	- / 60.426	- / 34.250	- / 97.888	- / 71.410	- / 173.305	- / 512.816	
<b>Subtotal: Radar Modernization</b>	- / -	- / -	- / -	- / 86.680	- / -	- / 86.680	- / 69.750	- / 39.550	- / 113.064	- / 82.500	- / 201.940	- / 593.484	
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / -	- / -	- / 86.680	- / -	- / 86.680	- / 69.750	- / 39.550	- / 113.064	- / 82.500	- / 201.940	- / 593.484	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / 11.645	- / -	- / 11.645	- / 33.623	- / 111.065	- / 32.134	- / 31.752	- / 43.325	- / 263.544	
Data	- / -	- / -	- / -	- / 1.872	- / -	- / 1.872	- / 3.191	- / 1.306	- / -	- / -	- / -	- / 6.369	
SUPPORT-EQUIP	- / -	- / -	- / -	- / 16.484	- / -	- / 16.484	- / 15.427	- / -	- / -	- / -	- / -	- / 11.911	
ICS-Labor	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.617	- / 11.201	- / 17.788	- / 30.980	- / 69.586	
Change Orders	- / -	- / -	- / -	- / 16.586	- / -	- / 16.586	- / 16.590	- / 9.199	- / 9.740	- / 17.852	- / 17.024	- / 56.991	
OTHER GOVT	- / -	- / -	- / -	- / 14.038	- / -	- / 14.038	- / 14.064	- / 6.276	- / 6.221	- / 6.870	- / 14.465	- / 41.934	
PMA - Contractor Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.115	- / 12.164	- / 14.478	- / 18.757	
Mod of Spares	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.592	- / 18.469	- / 14.555	- / 11.351	- / 27.938	- / 171.905	
<b>Subtotal: Support</b>	- / -	- / -	- / -	- / 30.625	- / -	- / 30.625	- / 62.487	- / 145.932	- / 75.966	- / 77.777	- / 138.210	- / 530.997	
<b>Installation</b>													
<b>Modification Item 1 of 1: Radar Modernization</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 22.660	9 / 16.767	5 / 9.530	49 / 98.710	74 / 147.667	
<b>Subtotal: Installation</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 22.660	9 / 16.767	5 / 9.530	49 / 98.710	74 / 147.667	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>117.305</b>	<b>0.000</b>	<b>117.305</b>	<b>132.237</b>	<b>208.142</b>	<b>205.797</b>	<b>169.807</b>	<b>438.860</b>	<b>1,272.148</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6890 / B-52 Radar Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Radar Modernization

**Manufacturer Information**

Manufacturer Name: Boeing Co	Manufacturer Location: Oklahoma City, OK
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Mar 2025	Mar 2026	Jun 2027	Jun 2028	Jun 2029
Delivery Dates			Mar 2027	Mar 2028	Jun 2029	Jun 2030	Jun 2031

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 22.660	- / -	- / -	- / -	11 / 22.660
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 16.767	- / -	- / -	9 / 16.767
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 9.530	- / -	5 / 9.530
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 27.300	14 / 27.300
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 19.940	10 / 19.940
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 51.470	25 / 51.470
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 22.660	9 / 16.767	5 / 9.530	49 / 98.710	74 / 147.667

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	2	2	3	2	1	1	2	1	49	74
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	2	2	3	2	1	1	2	1	49	74

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6894 / B-52 Crypto Modernization

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3.452	10.809	14.081	8.548	0.000	8.548	28.619	30.294	11.459	9.856	60.461	177.579
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	3.452	10.809	14.081	8.548	0.000	8.548	28.619	30.294	11.459	9.856	60.461	177.579
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>3.452</b>	<b>10.809</b>	<b>14.081</b>	<b>8.548</b>	<b>0.000</b>	<b>8.548</b>	<b>28.619</b>	<b>30.294</b>	<b>11.459</b>	<b>9.856</b>	<b>60.461</b>	<b>177.579</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	4.293	1.214	1.250	-	1.250	1.284	-	-	-	-	8.041
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

B-52 Crypto Modernization upgrades aircraft with Mobile User Objective System (MUOS) capable ARC-210 radio systems that prevent loss of beyond line of sight (BLOS) voice and data communications capability. The program will integrate upgrade the B-52 aircraft with secure voice and data communications via SATURN (Second Generation Anti-Jam Technical UHF Radio for NATO) network, MUOS (Mobile User Objective System) Satellite constellation, and DAMA-IW (Demand Assigned Multiple Access - Integrated Waveform) SATCOM connection. These updates are required by the National Security Agency (NSA) and DoD. An NSA mandate directs replacement of the current ARC-210 radios. To meet the NSA mandate, the B-52 Crypto program will upgrade the radios and associated controls for 76 B-52 aircraft.

FY25 funding will be used for non-recurring engineering to resolve a Diminishing Manufacturing Sources and Material Shortages (DMSMS) issue. Procurement of modification kits will commence in FY26.

This modification includes the procurement of a total of 74 production aircraft kits and 2 Engineering and Manufacturing Development (EMD) kits that will be installed via programmed depot maintenance (PDM).

Funds may be used to address requirements including, but not limited to, emerging and short notice Diminishing Manufacturing Sources and Material Shortages (DMSMS) for both aircraft and associated training systems, test, and safety of flight issues. Additionally, funds may accommodate Program Management Administration (PMA) and support, rapid technology insertion, and fulfill Federal Aviation Agency (FAA) or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

**Milestone/Development Status**

Acquisition Strategy approved Mar 2018  
 Preliminary Design Review completed Oct 2019  
 Critical Design Review completed Aug 2020  
 Developmental/Operational Testing Q1 FY25  
 MS C is planned for Q3 FY25

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.809	14.081	8.548	-	8.548	24.935	26.714	8.491	8.688
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	3.684	3.580	2.968	1.168

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1			<b>P-1 Line Item Number / Title:</b> B05200 / B-52				<b>Modification Number / Title:</b> 6894 / B-52 Crypto Modernization			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>					
<b>Secondary Distribution</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	10.809	14.081	8.548	0.000	8.548	28.619	30.294	11.459	9.856



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> B05200 / B-52					<b>Modification Number / Title:</b> 6894 / B-52 Crypto Modernization			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> B-52H				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101113F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0101113F	- / 17.453	- / 3.245	- / -	- / 3.999	- / -	- / 3.999	- / 1.202	- / -	- / -	- / -	- / -	- / 25.899	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Crypto</i>													
A Kits													
Recurring													
Crypto:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	13 / 4.342	13 / 4.292	5 / 1.680	3 / 1.029	22 / 7.440	56 / 18.783	
Crypto:INSTALL KITS Group A (Reserve)	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.336	4 / 1.320	2 / 0.672	- / -	8 / 2.711	18 / 6.039	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.678	- / 5.612	- / 2.352	- / 1.029	- / 10.151	- / 24.822	
B Kits													
Recurring													
Crypto:EQUIPMENT Group B (Active)	- / -	- / -	- / -	- / -	- / -	- / -	13 / 7.631	13 / 7.345	5 / 2.880	3 / 1.761	22 / 12.350	56 / 31.967	
Crypto:EQUIPMENT Group B (Reserve)	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.348	4 / 2.260	2 / 1.152	- / -	8 / 4.522	18 / 10.282	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.979	- / 9.605	- / 4.032	- / 1.761	- / 16.872	- / 42.249	
<i>Subtotal: Crypto</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.657	- / 15.217	- / 6.384	- / 2.790	- / 27.023	- / 67.071	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.657	- / 15.217	- / 6.384	- / 2.790	- / 27.023	- / 67.071	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / 1.850	- / -	- / 1.850	- / 6.706	- / 6.746	- / 0.215	- / 0.442	- / -	- / 15.959	
Mod of Spares	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.185	- / 0.185	
GFP	- / -	76 / 7.500	- / -	- / 3.499	- / -	- / 3.499	- / -	- / -	- / -	- / -	- / -	76 / 10.999	
Change Orders	- / -	- / -	- / -	- / 0.537	- / -	- / 0.537	- / 0.523	- / 0.562	- / -	- / -	- / 1.698	- / 3.320	
A&AS	- / -	- / 3.000	- / -	- / 1.596	- / -	- / 1.596	- / 3.450	- / 3.911	- / 1.428	- / 0.555	- / 7.044	- / 20.984	
Data	- / -	- / -	- / -	- / 0.280	- / -	- / 0.280	- / 1.388	- / 3.250	- / -	- / 0.677	- / 3.762	- / 19.357	
OTHER GOVT	- / 3.452	- / 0.309	- / 14.081	- / 0.786	- / -	- / 0.786	- / 0.895	- / 0.608	- / -	- / 0.458	- / 6.939	- / 27.528	
<i>Subtotal: Support</i>	- / 3.452	76 / 10.809	- / 14.081	- / 8.548	- / -	- / 8.548	- / 12.962	- / 15.077	- / 1.643	- / 2.132	- / 19.628	76 / 88.332	
<b>Installation</b>													
<i>Modification Item 1 of 1: Crypto</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.432	17 / 4.934	45 / 13.810	74 / 22.176	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>3.452</b>	<b>10.809</b>	<b>14.081</b>	<b>8.548</b>	<b>0.000</b>	<b>8.548</b>	<b>28.619</b>	<b>30.294</b>	<b>11.459</b>	<b>9.856</b>	<b>60.461</b>	<b>177.579</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6894 / B-52 Crypto Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Crypto

**Manufacturer Information**

Manufacturer Name: Competitive	Manufacturer Location: TBD
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates				Jan 2026	Jan 2027	Jan 2028	Jan 2029
Delivery Dates				Jan 2028	Jan 2029	Jan 2030	Jan 2031

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.432	5 / 1.430	- / -	17 / 4.862
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.504	5 / 1.460	17 / 4.964
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.121	7 / 2.121
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.909	3 / 0.909
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 9.320	30 / 9.320
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 3.432	17 / 4.934	45 / 13.810	74 / 22.176

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	5	4	4	4	45	74
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	5	4	4	49	74

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6896 / B-52 VLF/LF Modernization

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	20.153	11.489	26.513	26.490	0.000	26.490	15.267	7.946	4.679	0.378	0.378	113.293
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	20.153	11.489	26.513	26.490	0.000	26.490	15.267	7.946	4.679	0.378	0.378	113.293
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>20.153</b>	<b>11.489</b>	<b>26.513</b>	<b>26.490</b>	<b>0.000</b>	<b>26.490</b>	<b>15.267</b>	<b>7.946</b>	<b>4.679</b>	<b>0.378</b>	<b>0.378</b>	<b>113.293</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	2.652	2.724	3.387	-	3.387	-	-	-	-	-	8.763
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Very Low Frequency/Low Frequency (VLF/LF) Modernization program provides the B-52 with receive-only, very low frequency, secure, survivable strategic communications via a nuclear hardened terminal, antenna, and human-machine interface. This supports the B-52 requirement for media diversity and the B-52 strategic mission and ensures nuclear command and control of the B-52 fleet. The current VLF receiver is experiencing supportability concerns and drives the need for a more sustainable VLF capability.

VLF/LF program will deliver VLF capability needed for B-52 strategic nuclear command and control. This program provides the framework and flexibility to enable future increments for the remainder of the strategic airborne fleet as well as a bridge to future VLF upgrades to the B-52. The program's acquisition strategy is based on modifying and qualifying an existing terminal. This approach supports timely integration and installation onto the B-52 platform while leveraging existing technology and mature systems to reduce cost and development schedule.

Funds may be used to address requirements including, but not limited to, emerging and short-notice Diminishing Manufacturing Sources and Material Shortages (DMSMS) for both aircraft and associated training systems, kit procurement, advance procurement, life of type buys, installation, Program Management Administration (PMA) and support, rapid technology insertion, and fulfill Federal Aviation Agency (FAA) or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

**Milestone/Development Status**

Acquisition Strategy Approved in Jan 2019  
 Preliminary Design Review completed in 2QFY21 with Critical Design Review completed in 3QFY21  
 Flight Test Completed Jun-23  
 Milestone C scheduled for 2QFY24.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	11.489	22.348	22.240	-	22.240	11.878	7.733	3.889	0.378
AFR									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	4.165	4.250	-	4.250	3.389	0.213	0.790	-
<b>Total:</b>									
<b>Quantity</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6896 / B-52 VLF/LF Modernization
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	11.489	26.513	26.490	0.000	26.490	15.267	7.946	4.679	0.378

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1				<b>P-1 Line Item Number / Title:</b> B05200 / B-52						<b>Modification Number / Title:</b> 6896 / B-52 VLF/LF Modernization		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> B-52H				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0101113F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0101113F	2 / 56.482	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 60.482
<b>Procurement</b>												
<b>Modification Item 1 of 1: VLF/LF</b>												
A Kits												
Recurring												
VLF/LF:INSTALL KITS Group A (Active)	13 / 5.222	- / -	18 / 7.552	18 / 7.704	- / -	18 / 7.704	7 / 3.207	- / -	- / -	- / -	- / -	56 / 23.685
VLF/LF:INSTALL KITS Group A (Reserve)	5 / 2.008	- / -	5 / 2.098	5 / 2.140	- / -	5 / 2.140	3 / 1.374	- / -	- / -	- / -	- / -	18 / 7.620
<b>Subtotal: Recurring</b>	<b>- / 7.230</b>	<b>- / -</b>	<b>- / 9.650</b>	<b>- / 9.844</b>	<b>- / -</b>	<b>- / 9.844</b>	<b>- / 4.581</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 31.305</b>
B Kits												
Recurring												
VLF/LF:EQUIPMENT Group B (Active)	13 / 5.373	- / -	18 / 7.442	18 / 7.596	- / -	18 / 7.596	7 / 3.160	- / -	- / -	- / -	- / -	56 / 23.571
VLF/LF:EQUIPMENT Group B (Reserve)	5 / 2.067	- / -	5 / 2.067	5 / 2.110	- / -	5 / 2.110	3 / 1.354	- / -	- / -	- / -	- / -	18 / 7.598
<b>Subtotal: Recurring</b>	<b>- / 7.440</b>	<b>- / -</b>	<b>- / 9.509</b>	<b>- / 9.706</b>	<b>- / -</b>	<b>- / 9.706</b>	<b>- / 4.514</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 31.169</b>
<b>Subtotal: VLF/LF</b>	<b>- / 14.670</b>	<b>- / -</b>	<b>- / 19.159</b>	<b>- / 19.550</b>	<b>- / -</b>	<b>- / 19.550</b>	<b>- / 9.095</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 62.474</b>
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 14.670</b>	<b>- / -</b>	<b>- / 19.159</b>	<b>- / 19.550</b>	<b>- / -</b>	<b>- / 19.550</b>	<b>- / 9.095</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 62.474</b>
<b>Support (All Modification Items)</b>												
GROUP A: TOTAL NONRECURRING	- / 1.395	- / 0.528	- / 0.583	- / 0.720	- / -	- / 0.720	- / 0.767	- / 0.916	- / 0.607	- / 0.378	- / 0.378	- / 6.272
GROUP B: TOTAL NONRECURRING	- / 1.716	- / 5.400	- / 1.860	- / 1.860	- / -	- / 1.860	- / -	- / -	- / -	- / -	- / -	- / 10.836
Type 1 Training	- / 0.016	- / 0.077	- / 0.094	- / 0.096	- / -	- / 0.096	- / 0.098	- / 0.097	- / 0.067	- / -	- / -	- / 0.545
ICS-Labor	- / -	- / -	- / 1.563	- / 1.276	- / -	- / 1.276	- / 1.931	- / 1.985	- / 0.370	- / -	- / -	- / 18.125
PMA - Other Gov't Costs	- / 2.175	- / 5.296	- / 3.009	- / 0.632	- / -	- / 0.632	- / 1.437	- / 2.615	- / 2.119	- / -	- / -	- / 17.283
Data	- / 0.181	- / 0.188	- / 0.245	- / 0.253	- / -	- / 0.253	- / 0.119	- / 0.052	- / 0.035	- / -	- / -	- / 1.073
<b>Subtotal: Support</b>	<b>- / 5.483</b>	<b>- / 11.489</b>	<b>- / 7.354</b>	<b>- / 5.837</b>	<b>- / -</b>	<b>- / 5.837</b>	<b>- / 4.352</b>	<b>- / 5.665</b>	<b>- / 3.198</b>	<b>- / 0.378</b>	<b>- / 0.378</b>	<b>- / 44.134</b>
<b>Installation</b>												
<b>Modification Item 1 of 1: VLF/LF</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>13 / 1.103</b>	<b>- / -</b>	<b>13 / 1.103</b>	<b>20 / 1.820</b>	<b>26 / 2.281</b>	<b>15 / 1.481</b>	<b>- / -</b>	<b>- / -</b>	<b>74 / 6.685</b>
<b>Subtotal: Installation</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>13 / 1.103</b>	<b>- / -</b>	<b>13 / 1.103</b>	<b>20 / 1.820</b>	<b>26 / 2.281</b>	<b>15 / 1.481</b>	<b>- / -</b>	<b>- / -</b>	<b>74 / 6.685</b>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>20.153</b>	<b>11.489</b>	<b>26.513</b>	<b>26.490</b>	<b>0.000</b>	<b>26.490</b>	<b>15.267</b>	<b>7.946</b>	<b>4.679</b>	<b>0.378</b>	<b>0.378</b>	<b>113.293</b>

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> B05200 / B-52	<b>Modification Number / Title:</b> 6896 / B-52 VLF/LF Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** VLF/LF

**Manufacturer Information**

Manufacturer Name: Boeing and Collins Aerospace Manufacturer Location: Oklahoma City, OK and Richardson, TX

Administrative Leadtime (in Months): 0 Production Leadtime (in Months): 20

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Mar 2024	Mar 2025	Mar 2026			
Delivery Dates		Nov 2025	Nov 2026	Nov 2027			

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.214	3 / 0.213	- / -	- / -	- / -	6 / 0.427
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.425	- / -	- / -	- / -	6 / 0.425
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.214	9 / 0.638	- / -	- / -	- / -	12 / 0.852

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	-	-	-	-	-	-	-	-	-	0	12
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	-	-	-	-	-	-	-	-	0	12

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	13 / 1.103	- / -	13 / 1.103	5 / 0.472	- / -	- / -	- / -	- / -	18 / 1.575

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1		<b>P-1 Line Item Number / Title:</b> B05200 / B-52
		<b>Modification Number / Title:</b> 6896 / B-52 VLF/LF Modernization
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** VLF/LF

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.134	5 / 0.483	- / -	- / -	- / -	17 / 1.617
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1.160	5 / 0.494	- / -	- / -	17 / 1.654
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.987	- / -	- / -	10 / 0.987
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	13 / 1.103	- / -	13 / 1.103	17 / 1.606	17 / 1.643	15 / 1.481	- / -	- / -	62 / 5.833

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	0	-	-	-	-	-	-	-	-	-	5	4	4	5	4	4	4	4	5	4	4	4	5	4	4	2	-	-	-	-	0	62
Out	0	-	-	-	-	-	-	-	-	-	-	5	4	4	5	4	4	4	4	5	4	4	4	5	4	4	2	-	-	-	0	62

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0401134F	<b>Other Related Program Elements:</b> 0401134F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	623.375	44.743	21.723	52.117	-	52.117	20.738	21.208	21.648	22.078	0.000	827.630
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	623.375	44.743	21.723	52.117	-	52.117	20.738	21.208	21.648	22.078	0.000	827.630
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>623.375</b>	<b>44.743</b>	<b>21.723</b>	<b>52.117</b>	<b>-</b>	<b>52.117</b>	<b>20.738</b>	<b>21.208</b>	<b>21.648</b>	<b>22.078</b>	<b>0.000</b>	<b>827.630</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Large Aircraft Infrared Countermeasures (LAIRCM) system is an evolutionary acquisition program that provides significantly improved defensive systems capability for DoD aircraft to counter the man-portable air-defense systems (MANPADS) and Infrared missile threats. The system is currently installed on over 54 aircraft types and over 1200 aircraft flown by USAF, Navy, and 18 Foreign Military Partners.

This system is fully autonomous following power-up and consists of Group A aircraft modification kits and Group B hardware. The current LAIRCM system configuration consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles.

The production program maintains a robust reliability program which results in the incorporation of reliability enhancements improving overall producibility, while gaining the inherent benefit of improved long-term sustainment. There are numerous LAIRCM configurations installed on a variety of aircraft, however, all configurations include a processor and a control indicator unit. Configurations can be differentiated by the type of missile warning sensors and laser transmitter assemblies.

Funding supports efforts that can include, but are not limited to Hardware Procurement (Group A and Group B), Installation, Installation Support, Initial Spares, Support Equipment, Government Furnished Equipment (GFE) and GFE Repairs, Line Replaceable Unit (LRU) Repairs, Interim Contractor Support (ICS), Depot Standup, Systems Engineering and Program Management (SEPM), Failure Reporting and Corrective Analysis Support (FRACAS), Non-recurring Production Engineering, Other Government Costs (OGCs), Pre-Planned Product Improvements, Program Support, Simulators/Maintenance Trainers, Software Updates and Data.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Like most programs, LAIRCM faces the challenges associated with resolving DMS issues and software errors / inefficiencies. The LAIRCM program office seeks to ensure continued production of LAIRCM components for all LAIRCM customers. Funding may be used to address DMS issues and software corrections or minor improvements. The LAIRCM DMS program includes all activities associated with monitoring and identifying DMS issues. It also includes all activities required to resolve DMS issues such as: 1) the use of existing material solutions which involves actions to secure availability of existing supply (i.e., life of type buy and extension of production or support); 2) implementing substitutes which includes engineering activities to qualify and implement the identified substitute (i.e., approved part; repair, refurbishment, or reclamation; simple substitute; and complex substitute); and 3) redesign which includes all aspects of engineering and qualification to implement new or highly modified equipment (i.e., development of a new item or source; redesign of a next higher assembly; and redesign of a complex/system replacement).

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401134F	Other Related Program Elements: 0401134F
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**Line Item MDAP/MAIS Code:** N/A

LAIRCM program office (PO) has multiple DMS efforts that started in FY 2022 and FY 2023 that are critical to the long term supportability of the LAIRCM program. LAIRCM PO did not have the capability to receive funding direct prior to FY 2023 so all DMS funding was shared between C-17 and C-130J. In FY 2022, \$57M is programmed to support DMS efforts. All FY 2022 funding is budgeted in the C-130J Mod but will be executed by the LAIRCM PO. Beginning in FY 2023 and forward, the LAIRCM PO costs are captured in its own Mod Number 8629LC.

LAIRCM kit quantities purchased are dependent on the unit cost and/or the installation cost of the kits. Additionally, LAIRCM B-kit purchase must lead A-Kit procurement and installation by 24 months.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding for this exhibit contained in PE 0401134F.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	36.326	19.330	50.766	-	50.766	20.738	21.208	21.648	22.078
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	2.357	0.223	-	0.223	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.417	0.036	1.128	-	1.128	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>44.743</b>	<b>21.723</b>	<b>52.117</b>	-	<b>52.117</b>	<b>20.738</b>	<b>21.208</b>	<b>21.648</b>	<b>22.078</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft

**P-1 Line Item Number / Title:**  
LAIRCM / Large Aircraft Infrared Countermeasures

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401134F **Other Related Program Elements:** 0401134F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Large Aircraft Infrared Countermeasures				- / 335.759	- / 18.904	- / 8.190	- / 10.054	- / 0.000	- / 10.054
P-3a	1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J (Capability Improvement)		B		- / 287.616	- / 13.839	- / 2.358	- / 27.523	- / 0.000	- / 27.523
P-3a	2 / LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130 (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.404	- / 9.064	- / 0.000	- / 9.064
P-3a	3 / LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA (Capability Improvement)		B		- / -	- / 12.000	- / 10.771	- / 5.476	- / 0.000	- / 5.476
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 623.375</b>	<b>- / 44.743</b>	<b>- / 21.723</b>	<b>- / 52.117</b>	<b>- / -</b>	<b>- / 52.117</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Large Aircraft Infrared Countermeasures				- / 8.613	- / 16.090	- / 21.648	- / 22.078	- / 0.000	- / 441.336
P-3a	1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J (Capability Improvement)		B		- / 12.125	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 343.461
P-3a	2 / LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130 (Capability Improvement)		B		- / 0.000	- / 5.118	- / 0.000	- / -	- / -	- / 14.586
P-3a	3 / LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / -	- / -	- / 28.247
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 20.738</b>	<b>- / 21.208</b>	<b>- / 21.648</b>	<b>- / 22.078</b>	<b>- / 0.000</b>	<b>- / 827.630</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25 LAIRCM funding will continue SPO product support, ICS repairs for platforms, procure A/B-kits for C-40 aircraft, complete 13 installations on C-130J aircraft, and procure 9 A-Kits for AC-130J aircraft. Remaining funds are used for DMS management and initial NRE to convert DMS hardware on legacy fleets.

KC-135 is a continuing effort to support ANGB and ARC procurement of podded solution.

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force																Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:						Aggregated Modification Items Title:								
3010F / 05 / 1						LAIRCM / Large Aircraft Infrared Countermeasures						Large Aircraft Infrared Countermeasures								
Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8629C130 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130			-	-	15.685	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
8629C17 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17			-	-	259.501	-	-	7.478	-	-	1.381	-	-	2.500	-	-	-	-	-	2.500
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	7.478	-	-	1.381	-	-	2.500	-	-	-	-	-	2.500
AFR			-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-
8629C5 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5			-	-	53.073	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
8629CFIN / LAIRCM CFIN			-	-	7.500	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
8629KC-135 / LARGE AIRCRAFT INFRARED COUNTERMEASURES KC-135			-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
8629LC / Large Aircraft Infrared Countermeasures			-	-	-	-	-	11.426	-	-	6.809	-	-	7.154	-	-	-	-	-	7.154
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	11.426	-	-	6.809	-	-	7.154	-	-	-	-	-	7.154
<b>Total</b>			-	-	<b>335.759</b>	-	-	<b>18.904</b>	-	-	<b>8.190</b>	-	-	<b>10.054</b>	-	-	<b>0.000</b>	-	-	<b>10.054</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8629C130 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.785
<i>Secondary Distribution</i>																				

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 1 **P-1 Line Item Number / Title:** LAIRCM / Large Aircraft Infrared Countermeasures **Aggregated Modification Items Title:** Large Aircraft Infrared Countermeasures

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8629C17 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17			-	-	4.871	-	-	12.682	-	-	17.855	-	-	18.208	-	-	-	-	324.476	
<i>Secondary Distribution</i>																				
AF			-	-	4.871	-	-	12.682	-	-	17.855	-	-	18.208	-	-	-	-	-	
AFR			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8629C5 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.173	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8629CFIN / LAIRCM CFIN			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.600	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8629KC-135 / LARGE AIRCRAFT INFRARED COUNTERMEASURES KC-135			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.100	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8629LC / Large Aircraft Infrared Countermeasures			-	-	3.742	-	-	3.408	-	-	3.793	-	-	3.870	-	-	-	-	40.202	
<i>Secondary Distribution</i>																				
AF			-	-	3.742	-	-	3.408	-	-	3.793	-	-	3.870	-	-	-	-	-	
<b>Total</b>			-	-	<b>8.613</b>	-	-	<b>16.090</b>	-	-	<b>21.648</b>	-	-	<b>22.078</b>	-	-	<b>0.000</b>	-	<b>441.336</b>	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
8629C130 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	C-130	Capability Improvement
8629C17 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	C-17	Capability Improvement
8629C5 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-5	C-5B, C-5C, C-5M	Capability Improvement

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Aggregated Modification Items Title:</b> Large Aircraft Infrared Countermeasures
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Item Number / Title	Models of Systems Affected	Modification Type
8629CFIN / LAIRCM CFIN	C-143	Capability Improvement
8629KC-135 / LARGE AIRCRAFT INFRARED COUNTERMEASURES KC-135	KC135	Capability Improvement
8629LC / Large Aircraft Infrared Countermeasures	LPO	Capability Improvement

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	287.616	13.839	2.358	27.523	0.000	27.523	12.125	0.000	0.000	0.000	0.000	343.461
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	287.616	13.839	2.358	27.523	0.000	27.523	12.125	0.000	0.000	0.000	0.000	343.461
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>287.616</b>	<b>13.839</b>	<b>2.358</b>	<b>27.523</b>	<b>0.000</b>	<b>27.523</b>	<b>12.125</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>343.461</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the Department of Defense to counter infrared (IR) man-portable air defense systems (MANPADS) and surface-to-air missile (SAM) threats by detecting, tracking, and countering incoming IR missiles.

This system is fully autonomous following power-up and consists of Group A aircraft modification kits and Group B hardware. The current LAIRCM system configuration (consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles. As Line Replaceable Units (LRUs) are improved or impacted by DMS, the LAIRCM system will be updated with the latest configuration. C-130J LAIRCM Block 30 NRE and Trial Kit installations are complete and are now post Milestone C.

This program includes costs for the following C-130J aircraft variants: C-130J stretch aircraft, C-130J short aircraft.

This program includes efforts needed to procure, install, and store retrofit kits, deploy the system, and support LAIRCM. These efforts include, but are not limited to hardware procurement, installation, installation support, initial spares, support equipment, Government Furnished Equipment (GFE) and GFE repairs, Interim Contractor Support (ICS), mod-line repairs, Technical Orders, Other Government Costs (OGCs), and program support costs. Costs for the identification, review, monitoring, and mitigation of items impacted by diminishing manufacturing sources (DMS) are included.

OGCs include Qualification Testing, change orders, and NRE/replacement costs for equipment updates for aircraft qualification while assessing reliability, availability, and maintainability.

In prior years, the C-130J LAIRCM program received Congressional adjustments. These adjustments and DMS prioritization caused a disconnect in the timeline for procurement/installation of A-Kits for previously purchased B-Kits. The C-130J Program Office will produce the needed 19 A-Kits and install them from FY25-FY27. Further adjustment was required once FY23 and FY24 funds were reprioritized to support Congressionally directed funding to install Block 30 kits on four LAIRCM C-40, causing a disconnect with previous contract strategy in FY25. Funding has been allocated to ensure delivery of all 19 C-130J aircraft by FY27.

Milestone/Development Status

Development is complete.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.839	2.358	27.523	-	27.523	12.125	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.839	2.358	27.523	0.000	27.523	12.125	0.000	0.000	0.000



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1					<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures					<b>Modification Number / Title:</b> 1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401134F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 2: Basic Js (Block 20)</b>													
A Kits													
Recurring													
Basic Js (Block 20):INSTALL KITS Group A (Active)	33 / 42.386	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 42.386	
Basic Js (Block 20):INSTALL KITS Group A (Guard)	8 / 3.964	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 3.964	
Basic Js (Block 20):INSTALL KITS Group A (Reserve)	8 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.000	
<b>Subtotal: Recurring</b>	<b>- / 46.350</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 46.350</b>	
B Kits													
Recurring													
Basic Js (Block 20):EQUIPMENT Group B (Active)	33 / 17.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 17.275	
Basic Js (Block 20):EQUIPMENT Group B (Guard)	3 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.000	
Basic Js (Block 20):EQUIPMENT Group B (Reserve)	8 / 7.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 7.900	
<b>Subtotal: Recurring</b>	<b>- / 25.175</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 25.175</b>	
<b>Subtotal: Basic Js (Block 20)</b>	<b>- / 71.525</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 71.525</b>	
<b>Modification Item 2 of 2: Basic Js (Block 30)</b>													
A Kits													
Recurring													
Basic Js (Block 30):INSTALL KITS Group A (Active)	6 / 7.767	13 / 12.757	2 / 1.992	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 22.516	
<b>Subtotal: Recurring</b>	<b>- / 7.767</b>	<b>- / 12.757</b>	<b>- / 1.992</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 22.516</b>	
B Kits													
Recurring													
Basic Js (Block 30):EQUIPMENT Group B (Active)	21 / 45.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 45.583	
<b>Subtotal: Recurring</b>	<b>- / 45.583</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 45.583</b>	
<b>Subtotal: Basic Js (Block 30)</b>	<b>- / 53.350</b>	<b>- / 12.757</b>	<b>- / 1.992</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 68.099</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 124.875</b>	<b>- / 12.757</b>	<b>- / 1.992</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 139.624</b>	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 5.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.672	
GROUP B: TOTAL NONRECURRING	- / 25.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.587	
Data	- / 0.953	- / 0.061	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.014	
SIM/TRAINER	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.000	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Models of Systems Affected:</b> C130J	<b>Modification Type:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401134F
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
SUPPORT-EQUIP	- / 2.539	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.539
Change Orders	- / 2.283	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.283
ICS-Labor	- / 3.677	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.677
PMA - Contractor Services	- / 8.011	- / 0.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.263
OTHER GOVT	- / 94.930	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 94.930
PSC - Other Gov't Costs	- / 17.312	- / 0.769	- / 0.366	- / 0.366	- / -	- / 0.366	- / 0.366	- / -	- / -	- / -	- / -	- / 19.179
<i>Subtotal: Support</i>	<i>- / 155.964</i>	<i>- / 1.082</i>	<i>- / 0.366</i>	<i>- / 0.366</i>	<i>- / -</i>	<i>- / 0.366</i>	<i>- / 0.366</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 158.144</i>
<b>Installation</b>												
<i>Modification Item 1 of 2:</i> Basic Js (Block 20)	49 / 6.059	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 6.059
<i>Modification Item 2 of 2:</i> Basic Js (Block 30)	2 / 0.718	- / -	- / -	13 / 27.157	- / -	13 / 27.157	6 / 11.759	- / -	- / -	- / -	- / -	21 / 39.634
<i>Subtotal: Installation</i>	<i>51 / 6.777</i>	<i>- / -</i>	<i>- / -</i>	<i>13 / 27.157</i>	<i>- / -</i>	<i>13 / 27.157</i>	<i>6 / 11.759</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>70 / 45.693</i>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>287.616</b>	<b>13.839</b>	<b>2.358</b>	<b>27.523</b>	<b>0.000</b>	<b>27.523</b>	<b>12.125</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>343.461</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 2:** Basic Js (Block 20)

**Manufacturer Information**

Manufacturer Name: NORTHROP GRUMMAN	Manufacturer Location: ROLLING MEADOWS
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	49 / 6.059	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 6.059
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	49 / 6.059	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / 6.059

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	49
Out	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	49

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 1 / LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 2:** Basic Js (Block 30)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Marietta, GA
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 23

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Sep 2023	Apr 2024					
Delivery Dates	Aug 2025	Mar 2026					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2 / 0.718	- / -	- / -	4 / 7.124	- / -	4 / 7.124	- / -	- / -	- / -	- / -	- / -	6 / 7.842
FY 2023	- / -	- / -	- / -	9 / 20.033	- / -	9 / 20.033	4 / 7.055	- / -	- / -	- / -	- / -	13 / 27.088
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.704	- / -	- / -	- / -	- / -	2 / 4.704
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.718	- / -	- / -	13 / 27.157	- / -	13 / 27.157	6 / 11.759	- / -	- / -	- / -	- / -	21 / 39.634

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	-	-	-	-	-	-	9	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	0	21
Out	2	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	0	21

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 2 / LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	0.404	9.064	0.000	9.064	0.000	5.118	0.000	-	-	14.586
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	0.404	9.064	0.000	9.064	0.000	5.118	0.000	-	-	14.586
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>0.000</b>	<b>0.404</b>	<b>9.064</b>	<b>0.000</b>	<b>9.064</b>	<b>0.000</b>	<b>5.118</b>	<b>0.000</b>	-	-	<b>14.586</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the Department of Defense to counter infrared (IR) man-portable air defense systems (MANPADS) and surface-to-air missile (SAM) threats by detecting, tracking, and countering incoming IR missiles.

This system is fully autonomous following power-up and consists of Group A aircraft modification kits and Group B hardware. The current LAIRCM system configuration (consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles.

The "Change Orders" line in the funding table includes DMS costs for the identification, review, and monitoring of items with high DMS risk potential, classification of identified items according to criticality, identification of alternatives for items having high DMS risks, and non-recurring engineering (NRE)/replacement cost for DMS components.

FY24 is the first year this program will be moved under this PEC. Program has operated in the past under its own unique program code. FY24 funding will be used to support initial ICS repairs for the LSPR.

FY25 funding will be used to qualify DMS replacement hardware for AC-130J aircraft. Additionally, the funding will procure Group A/B Hardware for aircraft installation. FY25 funding will also update Technical Data to reflect the updated configuration. OGCs include Qualification Testing and NRE costs for equipment updates to increase test accuracy while assessing system reliability, availability, and maintainability.

FY27 funding will install the purchase Group A/B Hardware once delivered based on standard 2-year lead time for Group B procurement.

**Milestone/Development Status**

Development is complete.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	0.404	9.064	-	9.064	-	5.118	-	-
<b>Total:</b>									
Quantity	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 2 / LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	0.000	0.404	9.064	0.000	9.064	0.000	5.118	0.000	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1				<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures							<b>Modification Number / Title:</b> 2 / LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HC130, MC130, AC130				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: DLPU/CIUR</i>													
A Kits													
Recurring													
DLPU/CIUR:INSTALL KITS Group A (Active)	- / -	- / -	- / -	9 / 0.828	- / -	9 / 0.828	- / -	- / -	- / -	- / -	- / -	9 / 0.828	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 0.828	- / -	- / 0.828	- / -	- / -	- / -	- / -	- / -	- / 0.828	
B Kits													
Recurring													
DLPU/CIUR:EQUIPMENT Group B (Active)	- / -	- / -	- / -	9 / 4.500	- / -	9 / 4.500	- / -	- / -	- / -	- / -	- / -	9 / 4.500	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 4.500	- / -	- / 4.500	- / -	- / -	- / -	- / -	- / -	- / 4.500	
<i>Subtotal: DLPU/CIUR</i>	- / -	- / -	- / -	- / 5.328	- / -	- / 5.328	- / -	- / -	- / -	- / -	- / -	- / 5.328	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 5.328	- / -	- / 5.328	- / -	- / -	- / -	- / -	- / -	- / 5.328	
<b>Support (All Modification Items)</b>													
Mod of Spares	- / -	- / -	- / -	- / 0.282	- / -	- / 0.282	- / -	- / -	- / -	- / -	- / -	- / 0.282	
Data	- / -	- / -	- / -	- / 1.078	- / -	- / 1.078	- / -	- / -	- / -	- / -	- / -	- / 1.078	
OTHER GOVT	- / -	- / -	- / -	- / 1.929	- / -	- / 1.929	- / -	- / -	- / -	- / -	- / -	- / 1.929	
ICS-Labor	- / -	- / -	- / 0.404	- / 0.447	- / -	- / 0.447	- / -	- / -	- / -	- / -	- / -	- / 0.851	
<i>Subtotal: Support</i>	- / -	- / -	- / 0.404	- / 3.736	- / -	- / 3.736	- / -	- / -	- / -	- / -	- / -	- / 4.140	
<b>Installation</b>													
<i>Modification Item 1 of 1: DLPU/CIUR</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 5.118	- / -	- / -	- / -	9 / 5.118	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>0.000</b>	<b>0.404</b>	<b>9.064</b>	<b>0.000</b>	<b>9.064</b>	<b>0.000</b>	<b>5.118</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>14.586</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 2 / LARGE AIRCRAFT INFRARED COUNTERMEASURES HC/MC/AC-130

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** DLPU/CIUR

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Rolling Meadows
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 23

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Apr 2025				
Delivery Dates			Mar 2027				

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 5.118	- / -	- / -	- / -	9 / 5.118
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 5.118	- / -	- / -	- / -	9 / 5.118

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	-	0	9
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	-	-	-	-	-	-	-	0	9



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 3 / LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	12.000	10.771	5.476	0.000	5.476	0.000	0.000	0.000	-	-	28.247
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	12.000	10.771	5.476	0.000	5.476	0.000	0.000	0.000	-	-	28.247
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>12.000</b>	<b>10.771</b>	<b>5.476</b>	<b>0.000</b>	<b>5.476</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>28.247</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Large Aircraft Infrared Countermeasures (LAIRCM) system provides a significantly improved defensive capability for the Department of Defense to counter infrared (IR) man-portable air defense systems (MANPADS) and surface-to-air missile (SAM) threats by detecting, tracking, and countering incoming IR missiles.

The LAIRCM Block 30 configuration is required to accomplish the OSA-EA mission by providing supportable aerial countermeasures for the OSA-EA fleet. This system is fully autonomous following power-up and consists of Group A aircraft modification kits and Group B hardware. The current LAIRCM system configuration (consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles.

This modification installs LAIRCM Block 30 on Air Force OSA-EA aircraft to support mission requirements for airborne countermeasures. The C-40 is a commercial derivative of the Boeing 737-700 Business Jet. LAIRCM Block 30 replaces the LAIRCM Block 20 configuration which will not be supportable beyond 2027. All aircraft in the OSA-EA fleet are required to be equipped with LAIRCM to support overseas missions.

The C-40 LAIRCM quantity of A Kits and B Kits in FY24 are different due to the FY23 buy of four (4) B kits and no A Kits. This was due to the long lead time of the B kits as compared to the A Kit. Between FY23 and FY24 the A & B Kit quantity are equal at seven (7).

**Milestone/Development Status**

Development is complete

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.583	8.378	4.125	-	4.125	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	2.357	0.223	-	0.223	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.417	0.036	1.128	-	1.128	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1			<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures				<b>Modification Number / Title:</b> 3 / LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>					
<b>Secondary Distribution</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	12.000	10.771	5.476	0.000	5.476	0.000	0.000	0.000	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1				<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures							<b>Modification Number / Title:</b> 3 / LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C37, C40				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> LAIRCM													
A Kits													
Recurring													
LAIRCM:INSTALL KITS Group A (Active)	- / -	- / -	- / -	2 / 0.036	- / -	2 / 0.036	- / -	- / -	- / -	- / -	- / -	2 / 0.036	
LAIRCM:INSTALL KITS Group A (Guard)	- / -	- / -	- / -	1 / 0.017	- / -	1 / 0.017	- / -	- / -	- / -	- / -	- / -	1 / 0.017	
LAIRCM:INSTALL KITS Group A (Reserve)	- / -	- / -	2 / 0.036	2 / 0.036	- / -	2 / 0.036	- / -	- / -	- / -	- / -	- / -	4 / 0.072	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 0.036	- / 0.089	- / -	- / 0.089	- / -	- / -	- / -	- / -	- / -	- / 0.125	
B Kits													
Recurring													
LAIRCM:EQUIPMENT Group B (Active)	- / -	- / -	2 / 4.713	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.713	
LAIRCM:EQUIPMENT Group B (Guard)	- / -	- / -	1 / 2.357	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.357	
LAIRCM:EQUIPMENT Group B (Reserve)	- / -	4 / 8.417	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 8.417	
<i>Subtotal: Recurring</i>	- / -	- / 8.417	- / 7.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.487	
<i>Subtotal: LAIRCM</i>	- / -	- / 8.417	- / 7.106	- / 0.089	- / -	- / 0.089	- / -	- / -	- / -	- / -	- / -	- / 15.612	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 8.417	- / 7.106	- / 0.089	- / -	- / 0.089	- / -	- / -	- / -	- / -	- / -	- / 15.612	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / 2.484	- / 0.446	- / -	- / 0.446	- / -	- / -	- / -	- / -	- / -	- / 2.930	
Data	- / -	- / -	- / 0.120	- / 0.190	- / -	- / 0.190	- / -	- / -	- / -	- / -	- / -	- / 0.310	
Mod of Spares	- / -	- / 2.104	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.104	
PMA - Other Gov't Costs	- / -	- / 1.479	- / 1.061	- / 3.041	- / -	- / 3.041	- / -	- / -	- / -	- / -	- / -	- / 5.581	
<i>Subtotal: Support</i>	- / -	- / 3.583	- / 3.665	- / 3.677	- / -	- / 3.677	- / -	- / -	- / -	- / -	- / -	- / 10.925	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> LAIRCM	- / -	- / -	- / -	7 / 1.710	- / -	7 / 1.710	- / -	- / -	- / -	- / -	- / -	7 / 1.710	
<i>Subtotal: Installation</i>	- / -	- / -	- / -	7 / 1.710	- / -	7 / 1.710	- / -	- / -	- / -	- / -	- / -	7 / 1.710	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	12.000	10.771	5.476	0.000	5.476	0.000	0.000	0.000	-	-	28.247	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 1	<b>P-1 Line Item Number / Title:</b> LAIRCM / Large Aircraft Infrared Countermeasures	<b>Modification Number / Title:</b> 3 / LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1: LAIRCM**

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Rolling Meadows, IL
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Apr 2023	Apr 2024					
Delivery Dates	Apr 2025	Apr 2026					

**Installation Information**

**Method of Implementation: Contractor Facility**

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	4 / 1.092	- / -	4 / 1.092	- / -	- / -	- / -	- / -	- / -	4 / 1.092
FY 2024	- / -	- / -	- / -	3 / 0.618	- / -	3 / 0.618	- / -	- / -	- / -	- / -	- / -	3 / 0.618
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	7 / 1.710	- / -	7 / 1.710	- / -	- / -	- / -	- / -	- / -	7 / 1.710

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	7
Out	0	-	-	-	-	-	-	-	-	-	-	2	1	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	0	7

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> A01000 / A-10
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207131F	<b>Other Related Program Elements:</b> 0207131F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	591.804	83.972	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	675.776
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	591.804	83.972	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	675.776
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>591.804</b>	<b>83.972</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>675.776</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications and upgrades to the A-10 weapon system. The A-10 is a twin engine, single seat aircraft capable of delivering a full range of air-to-ground munitions as well as self-defense air-to-air missiles. The A-10 provides persistent, effective and precise Close Air Support, Interdiction, Forward Air Control (airborne), Combat Search & Rescue and Strike Control & Reconnaissance.

Wing Replacement Program (ATTACK) procured new wings in order to continue to operate as wings are reaching end of life. A new wing procurement effort provided resiliency in the existing fleet, allowing the A-10 fleet to divest elegantly over the FYDP.

ARC-210 replaces current ARC-210 Gen 4 radio(s) with Gen 6 to ensure crypto compliance, replaces current Radio Control Unit (RCU) with C-12561B (required update for Gen 6), maintains same functionality of the Gen 4, continues using 1553 Bus controller vice an Ethernet connection, and replaces ARC-164 with ARC-210 Gen 4 (Suite 11). Installs will be either Contract Field Team (CFT) or Depot Speed Line (DSL) which is organic. Procurement funds were used for the hardware purchases and installations for the fleet.

3-Dimensional Audio (3DA) improves the spatial, battle space, and situational awareness (SA) of A-10C pilots through the addition of a digital intercom system upgrade, active and electronic noise reduction, three-dimensional spatial separation for up to four audio channels, and three-dimensional auditory threat cueing from the aircraft missile warning system and radar warning receiver.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Funding for this exhibit contained in PE 0207131F.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	77.972	-	-	0.000	0.000	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> A01000 / A-10
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207131F	<b>Other Related Program Elements:</b> 0207131F
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**Line Item MDAP/MAIS Code:** N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AFR	Total Obligation Authority	3.000	-	-	-	-	-	-	-	-
	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.000	-	-	-	-	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>83.972</b>	-	-	<b>0.000</b>	<b>0.000</b>	-	-	-	-

**Justification:**  
 There is no A-10 procurement funding requested in the FY24 or FY25. The FY25 adheres to the A-10 divestment plan and complies with 10 U.S.C. 167; 2244A. Programs include, but are not limited to, Wing Replacement Program (ATTACK); Helmet Mounted Cueing System (HMCS); ARC-210; 2ND Gigabit Ethernet Switch (2GES); A-10 High Resolution Display System (HRDS); 3-Dimensional Audio (3DA); Small Diameter Bomb-1 (SDB-1); On Board Oxygen Generation System (OBOGS); Central Interface Control System (CICS); Portable Automatic Test Set 70A (PATS-70A)

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0207610F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	116.987	20.609	58.923	82.939	-	82.939	38.465	23.224	23.232	23.396	-	387.775
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	116.987	20.609	58.923	82.939	-	82.939	38.465	23.224	23.232	23.396	-	387.775
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>116.987</b>	<b>20.609</b>	<b>58.923</b>	<b>82.939</b>	<b>-</b>	<b>82.939</b>	<b>38.465</b>	<b>23.224</b>	<b>23.232</b>	<b>23.396</b>	<b>-</b>	<b>387.775</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Battlefield Airborne Communication Node (BACN) provides a Combatant Commander (CCDR) flexible, long-endurance, responsive airborne communications capability. BACN provides a dedicated airborne capability to conduct voice bridging/translation, Tactical Data Link (TDL) gateway, and TDL relay functions for beyond-line-of-sight (BLOS) data communications. Funding for this exhibit contained in PE 0207610F and PE 0207238F.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense mission, domestic emergency responses, and providing military support to civilian authorities.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
E011A0 / E-11 BACN/HAG

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207610F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	1 / E-11 Mods (Other)		A		- / 116.987	- / 20.609	- / 58.923	- / 82.939	- / 0.000	- / 82.939
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 116.987</b>	<b>- / 20.609</b>	<b>- / 58.923</b>	<b>- / 82.939</b>	<b>- / -</b>	<b>- / 82.939</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	1 / E-11 Mods (Other)		A		- / 38.465	- / 23.224	- / 23.232	- / 23.396	- / -	- / 387.775
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 38.465</b>	<b>- / 23.224</b>	<b>- / 23.232</b>	<b>- / 23.396</b>	<b>- / -</b>	<b>- / 387.775</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
BACN includes the payload, its host platforms, and associated ground systems. As mandates/ requirements emerge for new hardware and software capabilities that improve system performance, external time references, interoperability and open mission system technologies, BACN will host the integration of these and future emerging technologies, such as, but not limited to, Ka-Band SATCOM, Supplemental Type Certs (STC), M-Code Military GPS, and Protected Tactical Waveform (PTW).

Funding will be used to address Diminishing Manufacturing Sources (DMS) Issues and long lead procurement. This may include modifications required for enhanced capability and improvements to system reliability and maintainability. Safety of flight considerations, including but not limited to, performance, aircraft structural integrity, availability, and continuity of service requirements for long range reference, local area reference, and landing/ terminal reference. Funding will also be used to procure a flight simulator to support aircrew currency, mission profile training, and reduce reliance on industry-provided platform training.

As Combatant Commanders needs emerge in multiple AOR's, additional procurement of BACN aircraft platforms will be critical to meet these taskings. This will include, but not be limited to, standardization of avionics baseline and the production of all Supplemental Type Certificates of the most up to date configurations of the fleet. This effort includes Military GPS, Advanced Position, Navigation, and Timing (PNT) systems, communication systems/capabilities and any additional mandates levied on the BACN system and platforms. Funding will also be used for fulfillment of requirements in support of alteration, conversion, and modernization of the BACN fleet. In order to fulfill a worldwide rapidly deployable requirement, funding will be required to meet the Unit Type Codes (UTC) for the aircraft to operate anywhere around the globe for a minimum of 30 days.

The FY 2025 funding request was reduced by \$8.972 million to account for the availability of prior year execution balances.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	116.987	20.609	58.923	82.939	0.000	82.939	38.465	23.224	23.232	23.396	-	387.775
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	116.987	20.609	58.923	82.939	0.000	82.939	38.465	23.224	23.232	23.396	-	387.775
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>116.987</b>	<b>20.609</b>	<b>58.923</b>	<b>82.939</b>	<b>0.000</b>	<b>82.939</b>	<b>38.465</b>	<b>23.224</b>	<b>23.232</b>	<b>23.396</b>	-	<b>387.775</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Battlefield Airborne Communication Node (BACN) provides a Combatant Commander (CCDR) flexible, long-endurance, responsive airborne communications capability. BACN provides a dedicated airborne capability to conduct voice bridging/translation, Tactical Data Link (TDL) gateway, emerging capabilities, and TDL relay functions for beyond-line-of-sight (BLOS) data communications.

BACN includes the payload, its host platforms, and associated ground systems. The program is currently in the Operations and Support (O&S) Phase of the Life Cycle Management System. As requirements emerge for new hardware and software capabilities that improve system performance such as, external time references, interoperability and open mission system technologies. BACN will host the integration of these and future communication technologies. This line item funds modifications and may be used to address Diminishing Manufacturing Sources (DMS) issues for the overall BACN E-11A weapon system to include but not limited to aircraft, payload, simulators, and training devices. Moreover, this may include modifications required for enhanced capability and improvements to system reliability and maintainability; safety of flight considerations, including but not limited to, performance, aircraft structural integrity, availability, and continuity of service requirements for long range reference, local area reference, and landing/terminal reference. This effort includes Military GPS, advanced navigation systems and any additional mandates levied on the BACN system and platforms.

Funding supports procurement of BACN weapons system provisioning supplies necessary to execute the current and future BACN operations and support the BACN product strategy.

Funding supports program support costs including but not limited to, A&AS and assessments.

The increase in support cost in FY25 is due to a 29% increase in modification and installation requirements from FY2024 to FY2025. This will require more support services to work the requirements. Specifically, support costs in FY2025 are driven by the E-11 simulator procurement and are not expected to be an enduring cost to the program.

Milestone/Development Status

-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG					<b>Modification Number / Title:</b> 1 / E-11 Mods		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> E-11A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0207610F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<b>Modification Item 1 of 18: Advanced Tactical Data Link (ATDL)</b>												
A Kits												
Recurring												
Advanced Tactical Data Link (ATDL):INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.646	1 / 12.043	1 / 10.488	- / -	3 / 27.177
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.646	- / 12.043	- / 10.488	- / -	- / 27.177
<b>Subtotal: Advanced Tactical Data Link (ATDL)</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.646	- / 12.043	- / 10.488	- / -	- / 27.177
<b>Modification Item 2 of 18: ARC-210 Cockpit</b>												
A Kits												
Recurring												
ARC-210 Cockpit:INSTALL KITS Group A (Active)	1 / 2.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.518
<b>Subtotal: Recurring</b>	- / 2.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.518
<b>Subtotal: ARC-210 Cockpit</b>	- / 2.518	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.518
<b>Modification Item 3 of 18: ARC-210 Fleet Standardization</b>												
A Kits												
Recurring												
ARC-210 Fleet Standardization:INSTALL KITS Group A (Active)	- / -	- / -	- / -	5 / 5.000	- / -	5 / 5.000	- / -	- / -	- / -	- / -	- / -	5 / 5.000
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 5.000	- / -	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / 5.000
<b>Subtotal: ARC-210 Fleet Standardization</b>	- / -	- / -	- / -	- / 5.000	- / -	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / 5.000
<b>Modification Item 4 of 18: BACN Payload</b>												
A Kits												
Recurring												
BACN Payload:INSTALL KITS Group A (Active)	2 / 18.757	- / -	1 / 11.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 30.457
<b>Subtotal: Recurring</b>	- / 18.757	- / -	- / 11.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.457
<b>Subtotal: BACN Payload</b>	- / 18.757	- / -	- / 11.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.457
<b>Modification Item 5 of 18: BLOS Communications Waveform Enhancement</b>												
A Kits												
Recurring												

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG						<b>Modification Number / Title:</b> 1 / E-11 Mods		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> E-11A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0207610F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
BLOS Communications Waveform Enhancement:INSTALL KITS Group A (Active)	- / -	- / -	- / -	1 / 2.000	- / -	1 / 2.000	- / -	- / -	- / -	- / -	- / -	1 / 2.000
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 2.000	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 2.000
<i>Subtotal: BLOS Communications Waveform Enhancement</i>	- / -	- / -	- / -	- / 2.000	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 2.000
<b>Modification Item 6 of 18: E-11A IFF</b>												
A Kits												
Recurring												
E-11A IFF:INSTALL KITS Group A (Active)	2 / 4.446	- / -	1 / 0.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 5.029
<i>Subtotal: Recurring</i>	- / 4.446	- / -	- / 0.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.029
<i>Subtotal: E-11A IFF</i>	- / 4.446	- / -	- / 0.583	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.029
<b>Modification Item 7 of 18: E-11A MiIGPS</b>												
A Kits												
Recurring												
E-11A MiIGPS:INSTALL KITS Group A (Active)	1 / 2.045	1 / 1.661	1 / 0.875	- / -	- / -	- / -	1 / 10.406	- / -	- / -	- / -	- / -	4 / 14.987
<i>Subtotal: Recurring</i>	- / 2.045	- / 1.661	- / 0.875	- / -	- / -	- / -	- / 10.406	- / -	- / -	- / -	- / -	- / 14.987
<i>Subtotal: E-11A MiIGPS</i>	- / 2.045	- / 1.661	- / 0.875	- / -	- / -	- / -	- / 10.406	- / -	- / -	- / -	- / -	- / 14.987
<b>Modification Item 8 of 18: Engines</b>												
A Kits												
Recurring												
Engines:INSTALL KITS Group A (Active)	4 / 28.135	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 28.135
<i>Subtotal: Recurring</i>	- / 28.135	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.135
<i>Subtotal: Engines</i>	- / 28.135	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.135
<b>Modification Item 9 of 18: Flight Simulator</b>												
A Kits												
Recurring												
Flight Simulator:INSTALL KITS Group A (Active)	- / -	- / -	- / -	1 / 23.963	- / -	1 / 23.963	- / -	- / -	- / -	- / -	- / -	1 / 23.963
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 23.963	- / -	- / 23.963	- / -	- / -	- / -	- / -	- / -	- / 23.963
<i>Subtotal: Flight Simulator</i>	- / -	- / -	- / -	- / 23.963	- / -	- / 23.963	- / -	- / -	- / -	- / -	- / -	- / 23.963
<b>Modification Item 10 of 18: HF Wideband</b>												
A Kits												
Recurring												

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG						<b>Modification Number / Title:</b> 1 / E-11 Mods		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> E-11A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0207610F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
HF Wideband:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.521	1 / 4.635	- / -	2 / 8.156
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.521	- / 4.635	- / -	- / 8.156
<i>Subtotal: HF Wideband</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.521	- / 4.635	- / -	- / 8.156
<b>Modification Item 11 of 18: Ka SATCOM</b>												
A Kits												
Recurring												
Ka SATCOM:INSTALL KITS Group A (Active)	- / -	4 / 5.794	1 / 1.050	- / -	- / -	- / -	1 / 4.545	- / -	- / -	- / -	- / -	6 / 11.389
<i>Subtotal: Recurring</i>	- / -	- / 5.794	- / 1.050	- / -	- / -	- / -	- / 4.545	- / -	- / -	- / -	- / -	- / 11.389
<i>Subtotal: Ka SATCOM</i>	- / -	- / 5.794	- / 1.050	- / -	- / -	- / -	- / 4.545	- / -	- / -	- / -	- / -	- / 11.389
<b>Modification Item 12 of 18: Low Cost Mods</b>												
A Kits												
Recurring												
Low Cost Mods:INSTALL KITS Group A (Active)	1 / 1.463	- / -	- / -	1 / 2.517	- / -	1 / 2.517	1 / 3.820	- / -	- / -	- / -	- / -	3 / 7.800
<i>Subtotal: Recurring</i>	- / 1.463	- / -	- / -	- / 2.517	- / -	- / 2.517	- / 3.820	- / -	- / -	- / -	- / -	- / 7.800
<i>Subtotal: Low Cost Mods</i>	- / 1.463	- / -	- / -	- / 2.517	- / -	- / 2.517	- / 3.820	- / -	- / -	- / -	- / -	- / 7.800
<b>Modification Item 13 of 18: M Code MilGPS</b>												
A Kits												
Recurring												
M Code MilGPS:INSTALL KITS Group A (Active)	- / -	- / -	- / -	1 / 3.237	- / -	1 / 3.237	- / -	- / -	- / -	- / -	- / -	1 / 3.237
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 3.237	- / -	- / 3.237	- / -	- / -	- / -	- / -	- / -	- / 3.237
<i>Subtotal: M Code MilGPS</i>	- / -	- / -	- / -	- / 3.237	- / -	- / 3.237	- / -	- / -	- / -	- / -	- / -	- / 3.237
<b>Modification Item 14 of 18: MIDS JTRS / BU3</b>												
A Kits												
Recurring												
MIDS JTRS / BU3:INSTALL KITS Group A (Active)	8 / 3.664	- / -	20 / 13.758	19 / 13.419	- / -	19 / 13.419	1 / 7.808	1 / 1.433	- / -	- / -	- / -	49 / 40.082
<i>Subtotal: Recurring</i>	- / 3.664	- / -	- / 13.758	- / 13.419	- / -	- / 13.419	- / 7.808	- / 1.433	- / -	- / -	- / -	- / 40.082
<i>Subtotal: MIDS JTRS / BU3</i>	- / 3.664	- / -	- / 13.758	- / 13.419	- / -	- / 13.419	- / 7.808	- / 1.433	- / -	- / -	- / -	- / 40.082
<b>Modification Item 15 of 18: PRC-117G Radios</b>												
A Kits												
Recurring												
PRC-117G Radios:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 14.309	- / -	- / -	- / -	20 / 14.309

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG					<b>Modification Number / Title:</b> 1 / E-11 Mods			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> E-11A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0207610F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.309	- / -	- / -	- / -	- / 14.309	
<i>Subtotal: PRC-117G Radios</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.309	- / -	- / -	- / -	- / 14.309	
<b>Modification Item 16 of 18:</b> Rapid Deployment Equipment													
A Kits													
Recurring													
Rapid Deployment Equipment:INSTALL KITS Group A (Active)	- / -	- / -	- / -	1 / 1.571	- / -	1 / 1.571	- / -	- / -	- / -	- / -	- / -	1 / 1.571	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 1.571	- / -	- / 1.571	- / -	- / -	- / -	- / -	- / -	- / 1.571	
<i>Subtotal: Rapid Deployment Equipment</i>	- / -	- / -	- / -	- / 1.571	- / -	- / 1.571	- / -	- / -	- / -	- / -	- / -	- / 1.571	
<b>Modification Item 17 of 18:</b> SAASM EGI Obsolesce Life of Type Buy													
A Kits													
Recurring													
SAASM EGI Obsolesce Life of Type Buy:INSTALL KITS Group A (Active)	- / -	- / -	- / -	3 / 1.500	- / -	3 / 1.500	- / -	- / -	- / -	- / -	- / -	3 / 1.500	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 1.500	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / 1.500	
<i>Subtotal: SAASM EGI Obsolesce Life of Type Buy</i>	- / -	- / -	- / -	- / 1.500	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / 1.500	
<b>Modification Item 18 of 18:</b> STCs / A-Kit for New E-11A													
A Kits													
Recurring													
STCs / A-Kit for New E-11A:INSTALL KITS Group A (Active)	1 / 16.481	- / -	1 / 12.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 28.664	
<i>Subtotal: Recurring</i>	- / 16.481	- / -	- / 12.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.664	
<i>Subtotal: STCs / A-Kit for New E-11A</i>	- / 16.481	- / -	- / 12.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.664	
<i>Subtotal: Procurement, All Modification Items</i>	- / 77.509	- / 7.455	- / 40.149	- / 53.207	- / -	- / 53.207	- / 26.579	- / 20.388	- / 15.564	- / 15.123	- / -	- / 255.974	
<b>Support (All Modification Items)</b>													
PSC - Other Gov't Costs	- / -	- / -	- / 1.000	- / 2.000	- / -	- / 2.000	- / 1.600	- / 0.600	- / 0.698	- / 0.801	- / -	- / 6.699	
PSC - Contractor Services	- / 15.353	- / -	- / 2.662	- / 4.697	- / -	- / 4.697	- / 3.202	- / 0.688	- / 1.000	- / 1.300	- / -	- / 28.902	
<i>Subtotal: Support</i>	- / 15.353	- / -	- / 3.662	- / 6.697	- / -	- / 6.697	- / 4.802	- / 1.288	- / 1.698	- / 2.101	- / -	- / 35.601	
<b>Installation</b>													

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG						<b>Modification Number / Title:</b> 1 / E-11 Mods		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> E-11A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0207610F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Modification Item 1 of 18:</b> Advanced Tactical Data Link (ATDL)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.548	1 / 4.014	1 / 3.496	- / -	3 / 9.058
<b>Modification Item 2 of 18:</b> ARC-210 Cockpit	1 / 0.839	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.839
<b>Modification Item 3 of 18:</b> ARC-210 Fleet Standardization	- / -	- / -	- / -	5 / 2.100	- / -	5 / 2.100	- / -	- / -	- / -	- / -	- / -	5 / 2.100
<b>Modification Item 4 of 18:</b> BACN Payload	2 / 6.252	- / -	1 / 3.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 10.152
<b>Modification Item 6 of 18:</b> E-11A IFF	2 / 1.482	- / -	1 / 0.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.677
<b>Modification Item 7 of 18:</b> E-11A MilGPS	1 / 0.681	1 / 0.554	1 / 0.292	- / -	- / -	- / -	1 / 6.004	- / -	- / -	- / -	- / -	4 / 7.531
<b>Modification Item 8 of 18:</b> Engines	4 / 9.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.378
<b>Modification Item 9 of 18:</b> Flight Simulator	- / -	- / -	- / -	1 / 7.988	- / -	1 / 7.988	- / -	- / -	- / -	- / -	- / -	1 / 7.988
<b>Modification Item 10 of 18:</b> HF Wideband	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.956	1 / 2.676	- / -	2 / 4.632
<b>Modification Item 11 of 18:</b> Ka SATCOM	- / -	4 / 12.600	1 / 3.150	- / -	- / -	- / -	1 / 1.080	- / -	- / -	- / -	- / -	6 / 16.830
<b>Modification Item 13 of 18:</b> M Code MilGPS	- / -	- / -	- / -	1 / 12.947	- / -	1 / 12.947	- / -	- / -	- / -	- / -	- / -	1 / 12.947
<b>Modification Item 18 of 18:</b> STCs / A-Kit for New E-11A	1 / 5.493	- / -	1 / 7.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.068
<i>Subtotal: Installation</i>	<i>11 / 24.125</i>	<i>5 / 13.154</i>	<i>5 / 15.112</i>	<i>7 / 23.035</i>	<i>- / -</i>	<i>7 / 23.035</i>	<i>2 / 7.084</i>	<i>1 / 1.548</i>	<i>2 / 5.970</i>	<i>2 / 6.172</i>	<i>- / -</i>	<i>35 / 96.200</i>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>116.987</b>	<b>20.609</b>	<b>58.923</b>	<b>82.939</b>	<b>0.000</b>	<b>82.939</b>	<b>38.465</b>	<b>23.224</b>	<b>23.232</b>	<b>23.396</b>	<b>-</b>	<b>387.775</b>

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 18:** Advanced Tactical Data Link (ATDL)

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates					Jan 2027	Jan 2028	Jan 2029
Delivery Dates					Jul 2027	Jul 2028	Jul 2029

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.548	- / -	- / -	- / -	1 / 1.548
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.014	- / -	- / -	1 / 4.014
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.496	- / -	1 / 3.496
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.548	1 / 4.014	1 / 3.496	- / -	3 / 9.058

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	0	3
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	1	-	0	3

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 2 of 18:** ARC-210 Cockpit

**Manufacturer Information**

Manufacturer Name: Collins Aerospace Manufacturer Location: Charlotte, NC

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.839	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.839
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	1 / 0.839	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.839

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1



**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 3 of 18:** ARC-210 Fleet Standardization

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Jan 2025				
Delivery Dates			Feb 2025				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	5 / 2.100	- / -	5 / 2.100	- / -	- / -	- / -	- / -	- / -	5 / 2.100
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	5 / 2.100	- / -	5 / 2.100	- / -	- / -	- / -	- / -	- / -	5 / 2.100

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5
Out	0	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 4 of 18:** BACN Payload

**Manufacturer Information**

Manufacturer Name: Northrop Grumman				Manufacturer Location: Various			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 3			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jan 2024					
Delivery Dates		Apr 2024					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2 / 6.252	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 6.252
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	1 / 3.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.900
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 6.252	- / -	1 / 3.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 10.152

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
Out	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG			<b>Modification Number / Title:</b> 1 / E-11 Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 5 of 18:</b> BLOS Communications Waveform Enhancement							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrop Grumman				Manufacturer Location: Middle River, MD			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 3			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Apr 2025				
Delivery Dates			Jul 2025				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 1		

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 6 of 18:** E-11A IFF

**Manufacturer Information**

Manufacturer Name: Northrop Grumman Manufacturer Location: Various

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Jan 2024					
Delivery Dates		Apr 2024					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2 / 1.482	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.482
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	1 / 0.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.195
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	2 / 1.482	- / -	1 / 0.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.677

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
Out	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 7 of 18:** E-11A MilGPS

**Manufacturer Information**

Manufacturer Name: Northrop Grumman				Manufacturer Location: Various			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 3			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2023	Jun 2024		Jan 2026			
Delivery Dates	Sep 2023	Sep 2024		Apr 2026			

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.681	- / -	0 / 0.000	- / -	- / -	- / -	0 / 0.000	- / -	- / -	- / -	- / -	1 / 0.681
FY 2023	- / -	1 / 0.554	0 / 0.000	- / -	- / -	- / -	0 / 0.000	- / -	- / -	- / -	- / -	1 / 0.554
FY 2024	- / -	- / -	1 / 0.292	- / -	- / -	- / -	0 / 0.000	- / -	- / -	- / -	- / -	1 / 0.292
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.004	- / -	- / -	- / -	- / -	1 / 6.004
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	1 / 0.681	1 / 0.554	1 / 0.292	- / -	- / -	- / -	1 / 6.004	- / -	- / -	- / -	- / -	4 / 7.531

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
In	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
Out	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 8 of 18:** Engines

**Manufacturer Information**

Manufacturer Name: Rolls Royce Manufacturer Location: Various

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	4 / 9.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.378
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	4 / 9.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.378

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
Out	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 9 of 18:** Flight Simulator

**Manufacturer Information**

Manufacturer Name: Collins Aerospace Manufacturer Location: Charlotte, NC

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Feb 2025				
Delivery Dates			Aug 2025				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	1 / 7.988	- / -	1 / 7.988	- / -	- / -	- / -	- / -	- / -	1 / 7.988
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	1 / 7.988	- / -	1 / 7.988	- / -	- / -	- / -	- / -	- / -	1 / 7.988

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
Out	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 10 of 18:** HF Wideband

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates						Jan 2028	Jan 2029
Delivery Dates						Jul 2028	Jul 2029

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.956	- / -	- / -	1 / 1.956
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.676	- / -	1 / 2.676
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.956	1 / 2.676	- / -	2 / 4.632

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	0	2
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	0	2



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 11 of 18:** Ka SATCOM

**Manufacturer Information**

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2023	Mar 2024		Jun 2026			
Delivery Dates	Jul 2023	Apr 2024		Jul 2026			

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	4 / 12.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 12.600
FY 2024	- / -	- / -	1 / 3.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.150
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.080	- / -	- / -	- / -	- / -	1 / 1.080
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	4 / 12.600	1 / 3.150	- / -	- / -	- / -	1 / 1.080	- / -	- / -	- / -	- / -	6 / 16.830

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	4	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6
Out	0	-	-	-	4	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG			<b>Modification Number / Title:</b> 1 / E-11 Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 12 of 18:</b> Low Cost Mods							
<b>Manufacturer Information</b>							
Manufacturer Name: Unknown				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Apr 2025	Apr 2026			
Delivery Dates			Apr 2025	Apr 2026			
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 3		

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 13 of 18:** M Code MilGPS

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Feb 2025				
Delivery Dates			Mar 2025				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	1 / 12.947	- / -	1 / 12.947	- / -	- / -	- / -	- / -	- / -	1 / 12.947
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	1 / 12.947	- / -	1 / 12.947	- / -	- / -	- / -	- / -	- / -	1 / 12.947

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
Out	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG			<b>Modification Number / Title:</b> 1 / E-11 Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 14 of 18:</b> MIDS JTRS / BU3							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 1			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jan 2024	Apr 2025	Apr 2026	Mar 2027		
Delivery Dates		Feb 2024	May 2025	May 2026	Apr 2027		
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 49		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG			<b>Modification Number / Title:</b> 1 / E-11 Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 15 of 18:</b> PRC-117G Radios							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates					Mar 2027		
Delivery Dates					Mar 2027		
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 20		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG			<b>Modification Number / Title:</b> 1 / E-11 Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 16 of 18:</b> Rapid Deployment Equipment							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Apr 2025				
Delivery Dates			Apr 2025				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 1		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG			<b>Modification Number / Title:</b> 1 / E-11 Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 17 of 18:</b> SAASM EGI Obsolesce Life of Type Buy							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 1			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Jan 2025				
Delivery Dates			Feb 2025				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 3		

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> E011A0 / E-11 BACN/HAG	<b>Modification Number / Title:</b> 1 / E-11 Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 18 of 18:** STCs / A-Kit for New E-11A

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: Various

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Jan 2024					
Delivery Dates		Apr 2024					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 5.493	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.493
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	1 / 7.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.575
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	1 / 5.493	- / -	1 / 7.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 13.068

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2
Out	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> F01500 / F-15
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207130F, 0207134F, 0207445F, 0809731F	<b>Other Related Program Elements:</b> 0207130F, 0207134F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	4,548.981	192.394	34.830	45.829	-	45.829	118.303	47.944	20.753	21.827	80.325	5,111.186
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	-	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	4,548.981	192.394	34.830	45.829	-	45.829	118.303	47.944	20.753	21.827	80.325	5,111.186
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>4,548.981</b>	<b>192.394</b>	<b>34.830</b>	<b>45.829</b>	<b>-</b>	<b>45.829</b>	<b>118.303</b>	<b>47.944</b>	<b>20.753</b>	<b>21.827</b>	<b>80.325</b>	<b>5,111.186</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	13.836	14.081	2.861	-	2.861	17.729	18.130	18.507	18.876	-	104.020
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to the F-15 aircraft. The F-15C and F-15D is a twin engine (F-15C single seat; F-15D dual seat) supersonic, all-weather, day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. As of August 2023, Air Force inventory included 151 F-15C, 13 F-15D, and 218 F-15E aircraft.

The overall goals of the budgeted modifications are to improve operational capability, reliability and maintainability, and flight safety. The specific modifications budgeted and programmed are below.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding for this exhibit is contained in PEs 0207130F, 0207134F, 0207445F and 0809731F.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	179.055	34.830	45.829	-	45.829	118.303	47.944	20.753
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.339	-	-	-	-	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>192.394</b>	<b>34.830</b>	<b>45.829</b>	<b>-</b>	<b>45.829</b>	<b>118.303</b>	<b>47.944</b>	<b>20.753</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
F01500 / F-15

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207130F, 0207134F, 0207445F, 0809731F **Other Related Program Elements:** 0207130F, 0207134F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	F-15				- / 4,352.255	- / 88.381	- / 11.399	- / 3.800	- / 0.000	- / 3.800
P-3a	1 / Advanced Display Core Processor, ADCP II-E (Capability Improvement)		A		- / 179.348	- / 36.847	- / 12.547	- / 7.392	- / 0.000	- / 7.392
P-3a	8804 / F-15 F-15 E/MUOS (Capability Improvement)		B		- / 17.378	- / 51.140	- / 10.884	- / 22.632	- / 0.000	- / 22.632
P-3a	8817 / F-15E DTM II (Capability Improvement)		B		- / 0.000	- / 16.026	- / 0.000	- / 12.005	- / 0.000	- / 12.005
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 4,548.981</b>	<b>- / 192.394</b>	<b>- / 34.830</b>	<b>- / 45.829</b>	<b>- / -</b>	<b>- / 45.829</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	F-15				- / 32.214	- / 40.423	- / 20.753	- / 21.827	- / 80.325	- / 4,651.377
P-3a	1 / Advanced Display Core Processor, ADCP II-E (Capability Improvement)		A		- / 23.900	- / -	- / -	- / -	- / -	- / 260.034
P-3a	8804 / F-15 F-15 E/MUOS (Capability Improvement)		B		- / 37.951	- / 7.521	- / 0.000	- / -	- / -	- / 147.506
P-3a	8817 / F-15E DTM II (Capability Improvement)		B		- / 24.238	- / 0.000	- / 0.000	- / -	- / -	- / 52.269
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 118.303</b>	<b>- / 47.944</b>	<b>- / 20.753</b>	<b>- / 21.827</b>	<b>- / 80.325</b>	<b>- / 5,111.186</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25 funding requests are identified in P-40 and associated P-3As.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01500 / F-15 **Aggregated Modification Items Title:** F-15

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
_1202 / F-15E Radar Modernization Program APG-82(V)1			-	-	1,804.946	-	-	45.321	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	45.321		-	0.000		-	-		-	-		-	
1203 / F-15 C/D Secondary Power System (SPS)			-	-	7.492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1205 / :Advanced Display Core Processor, ADCP II-C			-	-	186.549	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.000		-	-		-	-		-	-		-	
AFNG				-	-		-	0.000		-	-		-	-		-	-		-	
1206 / F-15C Infrared Search and Track (IRST)			-	-	130.203	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.000		-	-		-	-		-	0.000		-	
1209 / F-15 C/D Flight Data Recorder (FDR)			-	-	24.828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1210 / F-15E Flight Data Recorder (FDR)			-	-	142.473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6158 / F-15C/D APG-63(V)3 radar upgrade			-	-	1,356.639	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8353 / F-15E -JOINT HELMET-MOUNTED CUEING SYSTEM			-	-	104.524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS			-	-	8.222	-	-	0.254	-	-	1.249	-	-	1.280	-	-	-	-	1.280	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.254		-	1.249		-	1.280		-	-		-	
8754 / F-15C/D IFF Mode 5			-	-	51.533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8755 / F-15E IFF MODE 5			-	-	65.301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8756 / F-15C/D Link 16 Cryptographic Modernization			-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8794 / F-15C/D Beyond Line Of Sight Communications			-	-	54.428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01500 / F-15 **Aggregated Modification Items Title:** F-15

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8797 / F-15C Passive Attack Sensor System			-	-	28.577	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8798 / 5th to 4th Gen Gateway			-	-	3.698	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8799 / F-15C MIDS JTRS			-	-	76.645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8800 / F-15E MIDS JTRS			-	-	124.888	-	-	28.260	-	-	10.150	-	-	2.320	-	-	-	-	2.320	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	28.260	-	-	10.150	-	-	2.320	-	-	-	-	2.320	
8801 / F-15 C/D SLEP Longerons			-	-	46.733	-	-	13.906	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.567	-	-	-	-	-	-	-	-	-	-	-	
AFNG			-	-	-	-	-	13.339	-	-	-	-	-	-	-	-	-	-	-	
8806 / F-15 C/D Cabin Pressure Indicator			-	-	2.773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8807 / F-15 E Cabin Pressure Indicator			-	-	15.893	-	-	0.640	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.640	-	-	-	-	-	-	-	-	-	-	-	
8810 / F-15E APG-82(V)1 Common Config			-	-	68.676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8811 / F-15E SATCOM UON			-	-	17.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8813 / F-15E B61 A/C Umbilical			-	-	0.542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8815 / F-15C Simulator Upgrade			-	-	15.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	-	0.000	
8816 / F-15C/D APG-63(V)3 Common Config			-	-	6.193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8825 / F-15E M Code			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999U / LOW COST RETROFIT MODS			-	-	7.268	-	-	-	-	-	-	-	-	0.100	-	-	-	-	0.100	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	0.100	
99999X / Low Cost Modifications			-	-	0.529	-	-	0.000	-	-	-	-	-	0.100	-	-	-	-	0.100	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01500 / F-15 **Aggregated Modification Items Title:** F-15

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-		-	-	0.100		-	-		-	0.100	
<b>Total</b>			-	-	4,352.255	-	-	88.381	-	-	11.399	-	-	3.800	-	-	0.000	-	-	3.800
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-		-	-	-		-	-		-	-	
1203 / F-15 C/D Secondary Power System (SPS)			-	-	-	-	-	-	-		-	-	-		-	-		-	7.492	
1205 / :Advanced Display Core Processor, ADCP II-C			-	-	-	-	-	-	-		-	-	-		-	-		-	186.549	
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-		-	-	-		-	-		-	-	
AFNG				-	-		-	-	-		-	-	-		-	-		-	-	
1206 / F-15C Infrared Search and Track (IRST)			-	-	-	-	-	-	-		-	-	-		-	-		-	130.203	
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-		-	-	-		-	-		-	-	
1209 / F-15 C/D Flight Data Recorder (FDR)			-	-	-	-	-	-	-		-	-	-		-	-		-	24.828	
1210 / F-15E Flight Data Recorder (FDR)			-	-	-	-	-	-	-		-	-	-		-	-		-	142.473	
6158 / F-15C/D APG-63(V)3 radar upgrade			-	-	-	-	-	-	-		-	-	-		-	-		-	1,356.639	
8353 / F-15E -JOINT HELMET-MOUNTED CUEING SYSTEM			-	-	-	-	-	-	-		-	-	-		-	-		-	104.524	
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS			-	-	1.304	-	-	1.333	-	-	2.221	-	-	2.267	-	-		-	18.130	
<i>Secondary Distribution</i>																				
AF				-	1.304		-	1.333		-	2.221		-	2.267		-		-	-	
8754 / F-15C/D IFF Mode 5			-	-	-	-	-	-	-		-	-	-		-	-		-	51.533	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01500 / F-15 **Aggregated Modification Items Title:** F-15

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8755 / F-15E IFF MODE 5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.301
8756 / F-15C/D Link 16 Cryptographic Modernization			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002
8794 / F-15C/D Beyond Line Of Sight Communications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.428
8797 / F-15C Passive Attack Sensor System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.577
8798 / 5th to 4th Gen Gateway			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.698
8799 / F-15C MIDS JTRS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76.645
8800 / F-15E MIDS JTRS			-	-	14.084	-	-	10.640	-	-	12.203	-	-	13.135	-	-	80.225	-	-	295.905
<i>Secondary Distribution</i>																				
AF				-	14.084		-	10.640		-	12.203		-	13.135		-	-	-	-	-
8801 / F-15 C/D SLEP Longerons			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.639
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-	-	-	-
AFNG				-	-		-	-		-	-		-	-		-	-	-	-	-
8806 / F-15 C/D Cabin Pressure Indicator			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.773
8807 / F-15 E Cabin Pressure Indicator			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.533
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-	-	-	-
8810 / F-15E APG-82(V)1 Common Config			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68.676
8811 / F-15E SATCOM UON			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.700
8813 / F-15E B61 A/C Umbilical			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.542
8815 / F-15C Simulator Upgrade			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.000
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-	-	-	-
8816 / F-15C/D APG-63(V)3 Common Config			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.193
8825 / F-15E M Code			-	-	16.626	-	-	28.250	-	-	6.129	-	-	6.225	-	-	-	-	-	57.230
<i>Secondary Distribution</i>																				
AF				-	16.626		-	28.250		-	6.129		-	6.225		-	-	-	-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01500 / F-15 **Aggregated Modification Items Title:** F-15

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
99999U / LOW COST RETROFIT MODS			-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	-	7.768
<i>Secondary Distribution</i>																				
AF			-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	-	-
99999X / Low Cost Modifications			-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	1.129
<i>Secondary Distribution</i>																				
AF			-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	-	-
<b>Total</b>			-	-	<b>32.214</b>	-	-	<b>40.423</b>	-	-	<b>20.753</b>	-	-	<b>21.827</b>	-	-	<b>80.325</b>	-	-	<b>4,651.377</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
_1202 / F-15E Radar Modernization Program APG-82(V)1	F-15E	Capability Improvement
1203 / F-15 C/D Secondary Power System (SPS)	F-15C, F-15D	Reliability & Maintainability
1205 / :Advanced Display Core Processor, ADCP II-C	F-15C, F-15D	Capability Improvement
1206 / F-15C Infrared Search and Track (IRST)	F-15C, F-15D	Capability Improvement
1209 / F-15 C/D Flight Data Recorder (FDR)	F-15C, F-15D	Capability Improvement
1210 / F-15E Flight Data Recorder (FDR)	F-15E	Capability Improvement
6158 / F-15C/D APG-63(V)3 radar upgrade	F-15C, F-15D	Capability Improvement
8353 / F-15E -JOINT HELMET-MOUNTED CUEING SYSTEM	F-15E	Reliability & Maintainability
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	F-15E	Service Life Extension
8754 / F-15C/D IFF Mode 5	F-15C, F-15D	Reliability & Maintainability
8755 / F-15E IFF MODE 5	F-15C, F-15D, F-15E	Reliability & Maintainability
8756 / F-15C/D Link 16 Cryptographic Modernization	F-15C, F-15D, F-15E	Capability Improvement
8794 / F-15C/D Beyond Line Of Sight Communications	F-15C	Capability Improvement
8797 / F-15C Passive Attack Sensor System	F-15C	Capability Improvement
8798 / 5th to 4th Gen Gateway	F-15C, F-15D	Capability Improvement

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Aggregated Modification Items Title:</b> F-15
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Item Number / Title	Models of Systems Affected	Modification Type
8799 / F-15C MIDS JTRS	F-15C	Capability Improvement
8800 / F-15E MIDS JTRS	F-15E	Capability Improvement
8801 / F-15 C/D SLEP Longerons	F-15C, F-15D	Service Life Extension
8806 / F-15 C/D Cabin Pressure Indicator	F15CD	Safety
8807 / F-15 E Cabin Pressure Indicator	F15E	Safety
8810 / F-15E APG-82(V)1 Common Config	F-15E	Capability Improvement
8811 / F-15E SATCOM UON	F-15E	Other
8813 / F-15E B61 A/C Umbilical	F-15E	Capability Improvement
8815 / F-15C Simulator Upgrade	F-15C	Capability Improvement
8816 / F-15C/D APG-63(V)3 Common Config	F-15C, F-15D	Reliability & Maintainability
8825 / F-15E M Code	F-15E	Capability Improvement
99999U / LOW COST RETROFIT MODS	F-15E	Service Life Extension
99999X / Low Cost Modifications	F-15A, F-15B, F-15C, F-15D	Capability Improvement



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 1 / Advanced Display Core Processor, ADCP II-E

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	179.348	36.847	12.547	7.392	0.000	7.392	23.900	-	-	-	-	260.034
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	179.348	36.847	12.547	7.392	0.000	7.392	23.900	-	-	-	-	260.034
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>179.348</b>	<b>36.847</b>	<b>12.547</b>	<b>7.392</b>	<b>0.000</b>	<b>7.392</b>	<b>23.900</b>	-	-	-	-	<b>260.034</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	5.644	4.850	4.693	-	-	-	-	-	-	-	-	15.187
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Advanced Display Core Processor II, the F-15's new central processor, provides the weapon system with sufficient memory, processing throughput, and Input/Output bandwidth to meet Operational Flight Program growth requirements and support other major weapon system upgrades.

The ADCP II's increased capability enables the F-15E to fully exploit APG-82(V)1 radar capabilities, to include increased target tracks, mode simultaneity, and increased track data (the ADCP II is required to meet all APG-82(V)1 key system attributes). The ADCP II is a prerequisite for other F-15E modernization programs (to included MIDS-JTRS, MUOS/SATURN, EPAWSS, OFP Suite 9 and beyond, and DTM II) and is also required by the F-15EX and FMS aircraft.

The procurement/installation plan has been adjusted to align with the Air Force's F-15E divestment plan. 158 B-kits were ordered with prior-year funding; installations are planned to conclude by 1Q FY 2025. FY 2025 funding continues interim contractor support and field service representative labor, and provides the requisite materials for ADCP II repair.

Depot Source of Repair (DSOR) #11-089, dated 17 Jan 2013, approved and assign Warner-Robins Air Logistics Complex as the site for organic repair of F-15 ADCP II hardware and software.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Requirement documented in AF Form 1067, approved July 2012.

**Milestone/Development Status**

Critical Design Review (CDR) completed 4QFY2013, Milestone B completed 1QFY2014, DT&E completed 4Q2016, Force Development Evaluation and Milestone C completed 4QFY2017, Full Rate Production Decision (FRPD) and Required Assets Available/Initial Operating Capability declaration occurred 2Q FY 2021.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	36.847	12.547	7.392	-	7.392	23.900	-	-	-
<b>Total:</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 1 / Advanced Display Core Processor, ADCP II-E

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	36.847	12.547	7.392	0.000	7.392	23.900	-	-	-

(This area is intentionally left blank for detailed secondary distribution data.)										
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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01500 / F-15					<b>Modification Number / Title:</b> 1 / Advanced Display Core Processor, ADCP II-E				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>							
<b>Models of Systems Affected:</b> F-15E				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207134F						
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>RDT&amp;E PE #</b>														
0207134F	6 / 196.483	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 196.483		
<b>Procurement</b>														
<i>Modification Item 1 of 1: ADCP II E</i>														
A Kits														
Recurring														
ADCP II E:INSTALL KITS Group A (Active)	158 / 2.133	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	158 / 2.133		
<i>Subtotal: Recurring</i>	- / 2.133	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.133		
B Kits														
Recurring														
ADCP II E:EQUIPMENT Group B (Active)	158 / 131.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	158 / 131.806		
<i>Subtotal: Recurring</i>	- / 131.806	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 131.806		
<i>Subtotal: ADCP II E</i>	- / 133.939	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 133.939		
<i>Subtotal: Procurement, All Modification Items</i>	- / 133.939	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 133.939		
<b>Support (All Modification Items)</b>														
GROUP B: TOTAL NONRECURRING	- / 6.808	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.808		
Type 1 Training	- / 0.628	- / 0.448	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.076		
Change Orders	- / 2.833	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.833		
Data	- / 4.203	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.203		
SUPPORT-EQUIP	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000		
ICS-Labor	- / 7.953	- / 19.579	- / 12.547	- / 17.392	- / -	- / 17.392	- / 23.900	- / -	- / -	- / -	- / -	- / 71.371		
Other Gov't Costs	- / 13.536	- / 6.820	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.356		
Depot Gap Analysis	- / -	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000		
PMA - Other Gov't Costs	- / 9.448	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.448		
<i>Subtotal: Support</i>	- / 45.409	- / 36.847	- / 12.547	- / 17.392	- / -	- / 17.392	- / 23.900	- / -	- / -	- / -	- / -	- / 126.095		
<b>Installation</b>														
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -		
<b>Total</b>														
<b>Total Cost (Procurement + Support + Installation)</b>	<b>179.348</b>	<b>36.847</b>	<b>12.547</b>	<b>7.392</b>	<b>0.000</b>	<b>7.392</b>	<b>23.900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>260.034</b>		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F01500 / F-15			<b>Modification Number / Title:</b> 1 / Advanced Display Core Processor, ADCP II-E	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> ADCP II E							
<b>Manufacturer Information</b>							
Manufacturer Name: Honeywell				Manufacturer Location: Phoenix, AZ			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 15			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 158		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 8804 / F-15 F-15 E/MUOS

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	17.378	51.140	10.884	22.632	0.000	22.632	37.951	7.521	0.000	-	-	147.506
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	17.378	51.140	10.884	22.632	0.000	22.632	37.951	7.521	0.000	-	-	147.506
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>17.378</b>	<b>51.140</b>	<b>10.884</b>	<b>22.632</b>	<b>0.000</b>	<b>22.632</b>	<b>37.951</b>	<b>7.521</b>	<b>0.000</b>	-	-	<b>147.506</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	4.694	0.000	-	0.000	8.883	9.083	-	-	-	22.660
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-15 requires a satellite communications (SATCOM) radio upgrade for Mobile User Objective System (MUOS)/Second Generation Anti-jam Tactical UHF Radio for NATO (SATURN) capability to meet mission requirements that are limited by legacy systems. SATURN will provide secure line of sight tactical communications, replacing the existing HAVE QUICK II (HQII) Anti-Jam Radio waveform which no longer meets National Security Agency (NSA) and DoD compliance standards and is slated for retirement on 1 October 2024. SATURN is utilized by NATO and non-NATO coalitions partners to enable communication in degraded and denied environments. It also requires a crypto-system update to overcome obsolescence on the current KY-58. MUOS is the Next Generation Narrowband Beyond Line-of-Sight (BLoS) SATCOM that adapts commercial third-generation (3G) cellular phone system technology (utilizing geosynchronous satellites in place of cellular towers) for military use and provides worldwide UHF secure communications to mobile Warfighters with enhanced features and connectivity options.

The MUOS/SATURN program will purchase the required equipment for the F-15E's - ARC210 Generation 6 radios (RT-2036) and deliver to Boeing and the Air Force's depot maintenance facility for the production installs. The government furnished equipment (GFE) have a 12 month lead time and will be purchased through the Navy to align with the installation schedule. The program will comply with the NSA Crypto modernization mandates.

The procurement plan was aligned to the Air Force's F-15E divestment plan, to complete with 158 modified aircraft. Program plans accelerate acquisition timelines to comply with DoD-wide mandates, thus, prior-year funding will procure all modification hardware and begin installations. FY 2025 funding continues accelerated fielding plans utilizing five modification locations.

**Milestone/Development Status**

MUOS/SATURN integrates into OFP Suite 9.2 and anticipates fielding beginning in Jun 2024. To date, 11 flight test aircraft have received the modification. The program achieved Milestone C on 8 Mar 2023. The hardware validation/verification installation completed in June 2023.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	51.140	10.884	22.632	-	22.632	37.951	7.521	-	-
<b>Total:</b> Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	51.140	10.884	22.632	0.000	22.632	37.951	7.521	0.000	-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> F01500 / F-15						<b>Modification Number / Title:</b> 8804 / F-15 F-15 E/MUOS		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-15E				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207134F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0207134F	11 / 40.871	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 41.971
<b>Procurement</b>												
<b>Modification Item 1 of 1: Group B (3)</b>												
A Kits												
Recurring												
Group B:INSTALL KITS Group A (Active)	20 / 4.689	127 / 29.662	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 34.351
<b>Subtotal: Recurring</b>	<b>- / 4.689</b>	<b>- / 29.662</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 34.351</b>
B Kits												
Recurring												
Group B:EQUIPMENT Group B (Active)	20 / 1.512	127 / 8.034	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 9.546
<b>Subtotal: Recurring</b>	<b>- / 1.512</b>	<b>- / 8.034</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 9.546</b>
<b>Subtotal: Group B (3)</b>	<b>- / 6.201</b>	<b>- / 37.696</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 43.897</b>
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 6.201</b>	<b>- / 37.696</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 43.897</b>
<b>Support (All Modification Items)</b>												
SEPM	- / 0.904	- / -	- / -	- / -	- / -	- / -	- / 12.102	- / 2.598	- / -	- / -	- / -	- / 5.604
Modline Standup	- / 6.950	- / -	- / -	- / 10.770	- / -	- / 10.770	- / 12.272	- / 0.300	- / -	- / -	- / -	- / 10.292
Training	- / -	- / 0.134	- / -	- / 0.074	- / -	- / 0.074	- / -	- / -	- / -	- / -	- / -	- / 0.208
PMA/OGC	- / 13.323	- / 15.922	- / 11.983	- / -	- / -	- / -	- / 19.211	- / 2.329	- / -	- / -	- / -	- / 32.768
ICS-Labor	- / -	- / 0.208	- / -	- / -	- / -	- / -	- / 0.210	- / 2.294	- / -	- / -	- / -	- / 2.712
Over and Above	- / -	- / 1.423	- / -	- / -	- / -	- / -	- / 1.543	- / -	- / -	- / -	- / -	- / 2.966
Proposal Prep	- / -	- / 1.982	- / 0.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.025
<b>Subtotal: Support</b>	<b>- / 11.177</b>	<b>- / 9.669</b>	<b>- / 2.026</b>	<b>- / 0.844</b>	<b>- / -</b>	<b>- / 0.844</b>	<b>- / 25.338</b>	<b>- / 7.521</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 56.575</b>
<b>Installation</b>												
<b>Modification Item 1 of 1: Group B (3)</b>												
<b>Subtotal: Installation</b>	<b>- / -</b>	<b>- / 3.775</b>	<b>6 / 8.858</b>	<b>72 / 21.788</b>	<b>- / -</b>	<b>72 / 21.788</b>	<b>67 / 12.613</b>	<b>2 / 0.000</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>147 / 47.034</b>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>17.378</b>	<b>51.140</b>	<b>10.884</b>	<b>22.632</b>	<b>0.000</b>	<b>22.632</b>	<b>37.951</b>	<b>7.521</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>147.506</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 8804 / F-15 F-15 E/MUOS
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Group B (3)

**Manufacturer Information**

Manufacturer Name: Boeing Manufacturer Location: San Antonio, TX

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 17

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	May 2023						
Delivery Dates	Oct 2024						

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	0 / 3.775	6 / 3.298	14 / 0.000	- / -	14 / 0.000	0 / 0.000	0 / 0.000	- / -	- / -	- / -	20 / 17.073
FY 2023	- / -	- / -	0 / 5.560	45 / 17.528	- / -	45 / 17.528	48 / 12.613	2 / 0.000	- / -	- / -	- / -	95 / 35.701
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	0 / 3.775	6 / 8.858	59 / 17.528	- / -	59 / 17.528	48 / 12.613	2 / 0.000	- / -	- / -	- / -	115 / 42.774

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	0	-	-	-	-	-	-	1	5	9	18	18	14	13	12	13	10	2	-	-	-	-	-	-	-	-	-	-	-	-	0	115
Out	0	-	-	-	-	-	-	-	4	8	17	18	15	13	12	13	10	5	-	-	-	-	-	-	-	-	-	-	-	-	0	115

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 8804 / F-15 F-15 E/MUOS
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** Group B (3)

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	- / -	13 / 4.260	- / -	13 / 4.260	19 / 0.000	- / -	- / -	- / -	- / -	32 / 4.260
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	13 / 4.260	- / -	13 / 4.260	19 / 0.000	- / -	- / -	- / -	- / -	32 / 4.260

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	1	3	4	5	6	5	4	4	-	-	-	-	-	-	-	-	-	-	-	-	0	32
Out	0	-	-	-	-	-	-	-	-	-	3	4	5	6	5	4	4	1	-	-	-	-	-	-	-	-	-	-	-	0	32



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 8817 / F-15E DTM II

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	16.026	0.000	12.005	0.000	12.005	24.238	0.000	0.000	-	-	52.269
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	16.026	0.000	12.005	0.000	12.005	24.238	0.000	0.000	-	-	52.269
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>16.026</b>	<b>0.000</b>	<b>12.005</b>	<b>0.000</b>	<b>12.005</b>	<b>24.238</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>52.269</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	0.000	-	2.861	-	2.861	-	-	-	-	-	2.861
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Data Transfer Module II (DTM II) will upgrade the current F-15E data transfer system, which suffers from technical limitations and obsolescence issues. Specifically, DTM II will improve mission planning capabilities and weapons employment, increase data storage, replace the aging mapping system, update interfaces, provide data encryption, and deliver improved cyber security.

Prior-year funding procures 99 shipsets, support equipment, and Government Furnished Property (GFP). FY 2025 funding continues GFP procurement, supports engineering and program management activities during manufacturing (across three vendors), and supports resolution of diminishing manufacturing sources.

Requirement documented in AF Form 1067 (ACC 18-127), approved in April 2019.

**Milestone/Development Status**

Conducted hardware Functional Configuration Audit (FCA) & Physical Configuration Audit (PCA) in 1Q FY 2023; conducted software FCA/PCA in 3Q FY 2023; modified 10 test aircraft to date, completed test objectives, and completed the validation/verification installation in 4Q FY 2023. Technical Data Package receipt and the Milestone C decision are projected for 3Q FY 2024.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	16.026	-	12.005	-	12.005	24.238	0.000	0.000	-
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>16.026</b>	<b>0.000</b>	<b>12.005</b>	<b>0.000</b>	<b>12.005</b>	<b>24.238</b>	<b>0.000</b>	<b>0.000</b>	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01500 / F-15					<b>Modification Number / Title:</b> 8817 / F-15E DTM II			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-15E				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207134F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207134F	- / 14.409	- / 2.748	- / -	- / 5.000	- / -	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / 22.157	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Data Transfer Module II</b>													
A Kits													
Recurring													
Data Transfer Module II:INSTALL KITS Group A (Active)	- / -	99 / 1.584	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	99 / 1.584	
<i>Subtotal: Recurring</i>	- / -	- / 1.584	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.584	
B Kits													
Recurring													
Data Transfer Module II:EQUIPMENT Group B (Active)	- / -	99 / 11.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	99 / 11.682	
<i>Subtotal: Recurring</i>	- / -	- / 11.682	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.682	
<i>Subtotal: Data Transfer Module II</i>	- / -	- / 13.266	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.266	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 13.266	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.266	
<b>Support (All Modification Items)</b>													
DMS	- / -	- / -	- / -	- / 2.000	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / 2.000	
ICS-Labor	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.612	- / -	- / -	- / -	- / -	- / 10.612	
SUPPORT-EQUIP	- / -	- / 0.770	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.770	
GFP	- / -	- / 1.061	- / -	- / 2.250	- / -	- / 2.250	- / -	- / -	- / -	- / -	- / -	- / 3.311	
SEPM	- / -	- / 0.929	- / -	- / 15.491	- / -	- / 15.491	- / 15.095	- / -	- / -	- / -	- / -	- / 11.515	
PMA - Contractor Services	- / -	- / -	- / -	- / 11.455	- / -	- / 11.455	- / 11.455	- / -	- / -	- / -	- / -	- / 12.910	
OTHER GOVT	- / -	- / -	- / -	- / 10.809	- / -	- / 10.809	- / -	- / -	- / -	- / -	- / -	- / 10.809	
Mod Line Standup	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.369	- / -	- / -	- / -	- / -	- / 3.369	
<i>Subtotal: Support</i>	- / -	- / 2.760	- / -	- / 12.005	- / -	- / 12.005	- / 10.531	- / -	- / -	- / -	- / -	- / 25.296	
<b>Installation</b>													
<b>Modification Item 1 of 1: Data Transfer Module II</b>	- / -	- / -	- / -	- / -	- / -	- / -	10 / 13.707	85 / 0.000	4 / 0.000	- / -	- / -	99 / 13.707	
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	10 / 13.707	85 / 0.000	4 / -	- / -	- / -	99 / 13.707	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>16.026</b>	<b>0.000</b>	<b>12.005</b>	<b>0.000</b>	<b>12.005</b>	<b>24.238</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>52.269</b>	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 8817 / F-15E DTM II
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Data Transfer Module II

**Manufacturer Information**

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 9 Production Leadtime (in Months): 22

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2024						
Delivery Dates	Apr 2026						

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	9 / 12.046	74 / 0.000	4 / 0.000	- / -	- / -	87 / 12.046
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	9 / 12.046	74 / 0.000	4 / 0.000	- / -	- / -	87 / 12.046

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	18	19	19	18	4	-	-	-	-	-	-	-	0	87
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	9	17	19	20	18	4	-	-	-	-	-	-	-	0	87

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01500 / F-15	<b>Modification Number / Title:</b> 8817 / F-15E DTM II
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** Data Transfer Module II

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.661	11 / 0.000	- / -	- / -	- / -	12 / 1.661
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.661	11 / 0.000	- / -	- / -	- / -	12 / 1.661

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	5	3	-	-	-	-	-	-	-	-	0	12
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	5	3	-	-	-	-	-	-	-	-	0	12

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> F01600 / F-16
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207133F, 0207445F, 0809731F	<b>Other Related Program Elements:</b> 0207133F, 0207445F, 0207701F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,301.488	724.944	297.342	217.235	-	217.235	528.492	530.110	364.998	326.756	693.814	5,985.179
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	0.000	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2,301.488	724.944	297.342	217.235	-	217.235	528.492	530.110	364.998	326.756	693.814	5,985.179
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,301.488</b>	<b>724.944</b>	<b>297.342</b>	<b>217.235</b>	<b>-</b>	<b>217.235</b>	<b>528.492</b>	<b>530.110</b>	<b>364.998</b>	<b>326.756</b>	<b>693.814</b>	<b>5,985.179</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	6.949	6.963	6.973	-	6.973	7.116	-	-	-	-	28.001
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-16 is a multi-role fighter that comprises roughly 40% of the USAF fighter fleet with over 850 aircraft supporting a variety of air-to-air and air-to-surface missions, such as offensive and defensive counter-air, close air support, forward air control, air interdiction (day/night and all-weather) and Suppression of Enemy Air Defenses (SEAD)/Destruction of Enemy Air Defenses (DEAD). F-16 posture and readiness combined with low operating costs deliver affordable capacity for the USAF and partner nations. Its capabilities continue to evolve, capitalizing upon advancements made in computers, avionics systems, engines, and structural technologies. These advancements meet emerging warfighter requirements to combat current and evolving enemy threats. Funding described in this document provides upgrades to the F-16 platform necessary for the delivery of joint lethality in the coming decades. These computer processing and avionics upgrades are critical to a modernized architecture compatible with current open, agile, and digital concepts that will maintain platform viability into the 2040s. Pending the delivery of the force structure plan required by the 2024 NDAA, the expected tail count will be reduced to 704 by the end of FY27. Initial divestments reduce the Pre-Block fleet (Blocks 30 & 32) to 100 aircraft and retain 604 of the Post-Block aircraft (Block 40, 42, 50 & 52). Post-Block and Pre-Block F-16s have similar capabilities and are interoperable but require some independent modernization and sustainment of hardware, software, and training. The F-16 Foreign Military Sales (FMS) Program is one of the largest in DoD, providing assurance to 28 partners and growing. F-16 remains in production in South Carolina and additional nations continue to commit to new aircraft purchases through the FYDP and beyond.

Aircraft procurement efforts include, but are not limited to, Modular Mission Computer (MMC) and Display Generator Upgrade, Service Life Extension Program (SLEP), Communications Suite Upgrade (CSU), Auto Ground Collision Avoidance System (AGCAS), Advanced Identified Friend or Foe (AIFF) Mode 5, M-Code, Secure Mission Data Systems (SMDS), Integrated Viper Electronic Warfare Suite (IVEWS), Center Display Unit (CDU), Head Mounted Integrated Targeting (HMIT) system, Radio Frequency Capability (RFC), Heads-Up Display (HUD), Multi-functional Information Distribution System-Joint Tactical Radio System MIDS-JTRS, Active Electronically Scanned Array (AESA) Radars, and F-16 Training Systems.

The F-16 Maintenance Training Device (MTD) simulators enable the USAF to exercise and train using the latest available F-16 Fighting Falcon capabilities available to all block configurations. Funding for AETC-MTD Trainers mod is budgeted in PE 0809731F. Funding for all other F-16 mods in this exhibit is budgeted in PE 0207133F.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funds may be used to address Diminishing Manufacturing Sources (DMS) issues.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> F01600 / F-16
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207133F, 0207445F, 0809731F	<b>Other Related Program Elements:</b> 0207133F, 0207445F, 0207701F
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**Line Item MDAP/MAIS Code:** N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	565.051	245.064	151.180	0.000	151.180	451.969	473.483	292.135	291.801
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	148.277	51.409	57.411	-	57.411	71.393	51.980	71.184	34.213
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	11.616	0.869	8.644	-	8.644	5.130	4.647	1.679	0.742
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>724.944</b>	<b>297.342</b>	<b>217.235</b>	<b>0.000</b>	<b>217.235</b>	<b>528.492</b>	<b>530.110</b>	<b>364.998</b>	<b>326.756</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date: March 2024**

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
F01600 / F-16

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207133F, 0207445F, 0809731F **Other Related Program Elements:** 0207133F, 0207445F, 0207701F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	F-16				- / 1,723.448	- / 501.385	- / 47.720	- / 6.062	- / 0.000	- / 6.062
P-3a	602148 / MMC and Display Generator Upgrade (Capability Improvement)			B	- / 49.950	- / 39.255	- / 47.944	- / 28.362	- / 0.000	- / 28.362
P-3a	602600 / F-16 LEGACY STRUCTURAL SLEP (Service Life Extension)			A	- / 284.200	- / 93.984	- / 133.904	- / 61.536	- / 0.000	- / 61.536
P-3a	618250 / Comm Suite Upgrade (Capability Improvement)			B	- / 159.407	- / 42.041	- / 20.077	- / 78.875	- / 0.000	- / 78.875
P-3a	633031 / HFLCC AGCAS (Capability Improvement)			A	- / 84.483	- / 28.659	- / 2.350	- / 8.017	- / 0.000	- / 8.017
P-3a	633034 / Secure Mission Data Systems (Capability Improvement)			B	- / -	- / 19.620	- / 45.347	- / 34.383	- / 0.000	- / 34.383
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 2,301.488</b>	<b>- / 724.944</b>	<b>- / 297.342</b>	<b>- / 217.235</b>	<b>- / -</b>	<b>- / 217.235</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	F-16				- / 271.182	- / 304.823	- / 223.544	- / 175.695	- / 0.000	- / 3,253.859
P-3a	602148 / MMC and Display Generator Upgrade (Capability Improvement)			B	- / 38.624	- / 20.209	- / 0.000	- / 0.000	- / 0.000	- / 224.344
P-3a	602600 / F-16 LEGACY STRUCTURAL SLEP (Service Life Extension)			A	- / 59.537	- / 62.041	- / 60.602	- / 63.375	- / 545.090	- / 1,364.269
P-3a	618250 / Comm Suite Upgrade (Capability Improvement)			B	- / 101.460	- / 111.429	- / 58.447	- / 59.684	- / 148.724	- / 780.144
P-3a	633031 / HFLCC AGCAS (Capability Improvement)			A	- / 25.542	- / 0.000	- / -	- / -	- / -	- / 149.051
P-3a	633034 / Secure Mission Data Systems (Capability Improvement)			B	- / 32.147	- / 31.608	- / 22.405	- / 28.002	- / 0.000	- / 213.512
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 528.492</b>	<b>- / 530.110</b>	<b>- / 364.998</b>	<b>- / 326.756</b>	<b>- / 693.814</b>	<b>- / 5,985.179</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

Where applicable, justification for individual modifications is provided in the P-3A exhibits.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01600 / F-16 **Aggregated Modification Items Title:** F-16

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
633030 / Aggressors Update			-	-	11.539	-	-	-	-	-	-	-	-	-	-	0.000	-	-	0.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	0.000	
633032 / AIFF MODE 5			-	-	0.273	-	-	3.000	-	-	5.250	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	3.000		-	4.130		-	-		-	-		-	
AFNG				-	-		-	-		-	0.560		-	-		-	-		-	
AFR				-	-		-	-		-	0.560		-	-		-	-		-	
633033 / M-Code			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
633035 / IVEWS			-	-	-	-	-	82.590	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	82.590		-	-		-	-		-	-		-	
633036 / CDU			-	-	-	-	-	10.319	-	-	23.000	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	10.319		-	18.500		-	0.000		-	-		-	
AFNG				-	-		-	-		-	4.500		-	-		-	-		-	
633037 / 633037 - HMIT			-	-	-	-	-	0.160	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.160		-	0.000		-	-		-	-		-	
633038 / RFC			-	-	-	-	-	0.415	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.415		-	-		-	-		-	-		-	
633039 / Heads-Up Display (HUD)			-	-	20.000	-	-	40.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	24.000		-	-		-	-		-	-		-	
AFNG				-	-		-	16.000		-	-		-	-		-	-		-	
633041 / Anti Jam			-	-	5.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
633042 / Missile Warning Systems			-	-	12.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
661652 / Link 16 Crypto			-	-	0.139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
661653 / MIDS-JTRS			-	-	278.106	-	-	12.100	-	-	8.000	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	3.900		-	4.000		-	-		-	-		-	
AFNG				-	-		-	4.100		-	4.000		-	-		-	-		-	



**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F01600 / F-16 **Aggregated Modification Items Title:** F-16

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
AFR				-	-		-	4.100		-	-		-	-		-	-		-	-
694050 / AESA Radars			-	-	1,145.379		-	331.445		-	0.166		-	-		-	-		-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	253.266		-	0.166		-	-		-	-		-	-
AFNG				-	-		-	78.179		-	-		-	-		-	-		-	-
704050 / Digital Radar Warning Receiver (RWR)			-	-	16.187		-	-		-	-		-	-		-	-		-	-
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS			-	-	116.952		-	1.204		-	5.916		-	6.062		-	-		-	6.062
<i>Secondary Distribution</i>																				
AF				-	-		-	1.204		-	5.916		-	6.062		-	-		-	6.062
866250 / F-16 TRAINING SYSTEMS			-	-	102.168		-	20.152		-	1.130		-	-		-	-		-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	20.152		-	1.130		-	-		-	-		-	-
866251 / Full Combat Mission Training			-	-	3.128		-	-		-	-		-	-		-	-		-	-
99999X / Low Cost Modifications			-	-	12.577		-	-		-	4.258		-	-		-	-		-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	4.258		-	-		-	-		-	-		-	-
<b>Total</b>			-	-	<b>1,723.448</b>		-	<b>501.385</b>		-	<b>47.720</b>		-	<b>6.062</b>		-	<b>0.000</b>		-	<b>6.062</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
633030 / Aggressors Update			-	-	-		-	-		-	-		-	-		-	-		-	11.539
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
633032 / AIFF MODE 5			-	-	58.158		-	52.789		-	22.283		-	10.763		-	-		-	152.516
<i>Secondary Distribution</i>																				
AF				-	48.054		-	43.026		-	18.085		-	8.908		-	-		-	-
AFNG				-	5.052		-	5.116		-	2.519		-	1.113		-	-		-	-
AFR				-	5.052		-	4.647		-	1.679		-	0.742		-	-		-	-
633033 / M-Code			-	-	-		-	72.669		-	105.216		-	107.307		-	-		-	285.192
<i>Secondary Distribution</i>																				
AF				-	-		-	72.669		-	105.216		-	107.307		-	-		-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force															Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:										Aggregated Modification Items Title:					
3010F / 05 / 2					F01600 / F-16										F-16					
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
633035 / IVEWS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82.590
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
633036 / CDU			-	-	38.451	-	-	23.417	-	-	13.283	-	-	20.293	-	-	-	-	-	128.763
<i>Secondary Distribution</i>																				
AF				-	35.841		-	23.417		-	13.283		-	20.293		-	-		-	-
AFNG				-	2.610		-	-		-	-		-	-		-	-		-	-
633037 / 633037 - HMIT			-	-	3.297	-	-	13.184	-	-	-	-	-	-	-	-	-	-	-	16.641
<i>Secondary Distribution</i>																				
AF				-	3.297		-	13.184		-	0.000		-	-		-	-		-	-
633038 / RFC			-	-	14.578	-	-	13.124	-	-	-	-	-	-	-	-	-	-	-	28.117
<i>Secondary Distribution</i>																				
AF				-	14.578		-	13.124		-	0.000		-	0.000		-	-		-	-
633039 / Heads-Up Display (HUD)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.000
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
633041 / Anti Jam			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.000
633042 / Missile Warning Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.000
661652 / Link 16 Crypto			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.139
661653 / MIDS-JTRS			-	-	49.063	-	-	47.493	-	-	26.253	-	-	26.254	-	-	-	-	-	447.269
<i>Secondary Distribution</i>																				
AF				-	49.063		-	47.493		-	26.253		-	26.254		-	-		-	-
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-
694050 / AESA Radars			-	-	101.145	-	-	75.508	-	-	45.649	-	-	-	-	-	-	-	-	1,699.292
<i>Secondary Distribution</i>																				
AF				-	82.049		-	75.508		-	19.689		-	-		-	-		-	-
AFNG				-	19.096		-	-		-	25.960		-	-		-	-		-	-
704050 / Digital Radar Warning Receiver (RWR)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.187
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS			-	-	6.169	-	-	6.310	-	-	10.523	-	-	10.733	-	-	-	-	-	163.869
<i>Secondary Distribution</i>																				
AF				-	6.169		-	6.310		-	10.523		-	10.733		-	-		-	-

**UNCLASSIFIED**

<b>Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force</b>															<b>Date: March 2024</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2										<b>P-1 Line Item Number / Title:</b> F01600 / F-16					<b>Aggregated Modification Items Title:</b> F-16				

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
866250 / F-16 TRAINING SYSTEMS			-	-	0.321	-	-	0.329	-	-	0.337	-	-	0.345	-	-	-	-	-	124.782
<i>Secondary Distribution</i>																				
AF				-	0.321		-	0.329		-	0.337		-	0.345		-	-	-	-	-
866251 / Full Combat Mission Training			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.128
99999X / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.835
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-	-	-	-
<b>Total</b>			-	-	<b>271.182</b>	-	-	<b>304.823</b>	-	-	<b>223.544</b>	-	-	<b>175.695</b>	-	-	<b>0.000</b>	-	-	<b>3,253.859</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
633030 / Aggressors Update	F-16	Capability Improvement
633032 / AIFF MODE 5	F-16	Capability Improvement
633033 / M-Code	F-16	Capability Improvement
633035 / IVEWS	F-16	Capability Improvement
633036 / CDU	F-16	Capability Improvement
633037 / 633037 - HMIT	F-16	Capability Improvement
633038 / RFC	F-16	Capability Improvement
633039 / Heads-Up Display (HUD)	F-16	Capability Improvement
633041 / Anti Jam	F-16	Capability Improvement
633042 / Missile Warning Systems	F-16	Capability Improvement
661652 / Link 16 Crypto	F-16	Capability Improvement
661653 / MIDS-JTRS	F-16	Capability Improvement
694050 / AESA Radars	F-16	Capability Improvement
704050 / Digital Radar Warning Receiver (RWR)	F-16	Capability Improvement
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	F-16	Capability Improvement
866250 / F-16 TRAINING SYSTEMS	F-16	Capability Improvement
866251 / Full Combat Mission Training	F-16	Capability Improvement
99999X / Low Cost Modifications	F-16	Capability Improvement

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 602148 / MMC and Display Generator Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	49.950	39.255	47.944	28.362	0.000	28.362	38.624	20.209	0.000	0.000	0.000	224.344
Less PY Advance Procurement (\$ in Millions)	0.000	-	-	-	-	-	-	-	-	-	-	0.000
Net Procurement (P-1) (\$ in Millions)	49.950	39.255	47.944	28.362	0.000	28.362	38.624	20.209	0.000	0.000	0.000	224.344
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>49.950</b>	<b>39.255</b>	<b>47.944</b>	<b>28.362</b>	<b>0.000</b>	<b>28.362</b>	<b>38.624</b>	<b>20.209</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>224.344</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	10.615	6.725	6.847	6.973	-	6.973	7.116	-	-	-	-	38.276
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Modular Mission Computer (MMC) and Program Display Generator (PDG) Upgrade is a modification which upgrades the F-16 core mission computer to include increased high-speed data throughput, additional memory, and an Ethernet High Speed Data Network (HSDN) to realize full Active Electronically Scanned Array (AESA) radar capabilities. This modification also incorporates the installation of Remote Interface Panels (RIP), which allows for the transfer of mission planning loaded data. The new Programmable Display Generator (PDG) allows for a fully integrated Multi-Function Display Set (MFDS) solution including Hands-on Throttle and Stick (HOTAS) integration with Sensor of Interest (SOI), format swapping and high definition video on 4x4 displays. The new PDG also provides improved display formats during dynamic maneuvers; resolves symbol freezing issues due to throughput constraints; and provides a sustainable approach to address growing DMS concerns with the current PDG. Derived requirements (HSDN/RIP) are included in the Group B MMC Kit costs. Group A kit installs are performed at the depot level and installs are included in Group A non-recurring. Group B kit installs are a field level modification. MMC kit Group B installs expected to start June 2024 at ~13 per month. PDG kit Group B installs expected to start May 2025 at ~13 per month.

This funding request will support potential DMS and obsolescence solutions, to include, if optimal, life of type buys, or bridge buys limited to the program of record quantity.

The quantity for the program includes up to 608 buys for MMC and up to 608 buys for PDG.

**Milestone/Development Status**

MMC will continue software & SIL testing, cyber security assurance and validation for initial hardware fielding. Milestone C was achieved in March 23. DT Actual Aug 2020 and OT Aug 22, IOT&E N/A. For PDG, continue software testing and validation for initial hardware fielding, complete two TVIs and one kit-proof. DT April 23, OT Jan 24, and IOT&E April 24, Milestone C is scheduled for May 24.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	35.229	42.152	19.038	-	19.038	38.624	20.209	0.000	-
AFNG									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	4.026	5.792	9.324	-	9.324	-	-	-	-
<b>Total:</b>									
<b>Quantity</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 602148 / MMC and Display Generator Upgrade

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	39.255	47.944	28.362	0.000	28.362	38.624	20.209	0.000	0.000

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01600 / F-16					<b>Modification Number / Title:</b> 602148 / MMC and Display Generator Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-16				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207133F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207133F	63 / 116.897	- / 1.274	- / 0.984	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 119.155	
<b>Procurement</b>													
<b>Modification Item 1 of 2: MMC Kit</b>													
A Kits													
Recurring													
MMC Kit:INSTALL KITS Group A (Active)	169 / 0.085	292 / 0.146	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	461 / 0.231	
MMC Kit:INSTALL KITS Group A (Guard)	56 / 0.028	91 / 0.046	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 0.074	
<b>Subtotal: Recurring</b>	<b>- / 0.113</b>	<b>- / 0.192</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.305</b>	
B Kits													
Recurring													
MMC Kit:EQUIPMENT Group B (Active)	142 / 15.490	118 / 13.859	118 / 16.462	83 / 9.216	- / -	83 / 9.216	- / 1.831	- / 1.069	- / -	- / -	- / -	461 / 57.927	
MMC Kit:EQUIPMENT Group B (Guard)	44 / 4.136	38 / 3.572	38 / 3.572	27 / 2.538	- / -	27 / 2.538	- / -	- / -	- / -	- / -	- / -	147 / 13.818	
<b>Subtotal: Recurring</b>	<b>- / 19.626</b>	<b>- / 17.431</b>	<b>- / 20.034</b>	<b>- / 11.754</b>	<b>- / -</b>	<b>- / 11.754</b>	<b>- / 1.831</b>	<b>- / 1.069</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 71.745</b>	
<b>Subtotal: MMC Kit</b>	<b>- / 19.739</b>	<b>- / 17.623</b>	<b>- / 20.034</b>	<b>- / 11.754</b>	<b>- / -</b>	<b>- / 11.754</b>	<b>- / 1.831</b>	<b>- / 1.069</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 72.050</b>	
<b>Modification Item 2 of 2: PDG Kit</b>													
A Kits													
Recurring													
PDG Kit:INSTALL KITS Group A (Active)	281 / 1.686	88 / 0.528	14 / 0.084	78 / 0.480	- / -	78 / 0.480	- / -	- / -	- / -	- / -	- / -	461 / 2.778	
PDG Kit:INSTALL KITS Group A (Guard)	- / -	68 / 0.408	79 / 0.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 0.888	
<b>Subtotal: Recurring</b>	<b>- / 1.686</b>	<b>- / 0.936</b>	<b>- / 0.564</b>	<b>- / 0.480</b>	<b>- / -</b>	<b>- / 0.480</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 3.666</b>	
B Kits													
Recurring													
PDG Kit:EQUIPMENT Group B (Active)	75 / 4.350	180 / 10.440	150 / 8.700	56 / 3.248	- / -	56 / 3.248	- / -	- / -	- / -	- / -	- / -	461 / 26.738	
PDG Kit:EQUIPMENT Group B (Guard)	- / -	- / -	30 / 1.740	117 / 6.786	- / -	117 / 6.786	- / -	- / -	- / -	- / -	- / -	147 / 8.526	
<b>Subtotal: Recurring</b>	<b>- / 4.350</b>	<b>- / 10.440</b>	<b>- / 10.440</b>	<b>- / 10.034</b>	<b>- / -</b>	<b>- / 10.034</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 35.264</b>	
<b>Subtotal: PDG Kit</b>	<b>- / 6.036</b>	<b>- / 11.376</b>	<b>- / 11.004</b>	<b>- / 10.514</b>	<b>- / -</b>	<b>- / 10.514</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 38.930</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 25.775</b>	<b>- / 28.999</b>	<b>- / 31.038</b>	<b>- / 22.268</b>	<b>- / -</b>	<b>- / 22.268</b>	<b>- / 1.831</b>	<b>- / 1.069</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 110.980</b>	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / 4.500	- / 14.814	- / 3.406	- / -	- / 3.406	- / 29.607	- / 15.049	- / -	- / -	- / -	- / 67.376	
GROUP B: TOTAL NONRECURRING	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / -	- / -	- / 1.000	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 602148 / MMC and Display Generator Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Models of Systems Affected:</b> F-16	<b>Modification Type:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0207133F
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Data	- / 0.197	- / 0.400	- / 0.247	- / 0.375	- / -	- / 0.375	- / 0.281	- / -	- / -	- / -	- / -	- / 1.500
A&AS	- / -	- / 0.411	- / 0.277	- / 0.500	- / -	- / 0.500	- / 0.975	- / 1.012	- / -	- / -	- / -	- / 3.175
Change Orders	- / 1.800	- / 0.200	- / 0.100	- / 0.225	- / -	- / 0.225	- / 0.874	- / 0.900	- / -	- / -	- / -	- / 4.099
SUPPORT-EQUIP	- / 12.030	- / 0.201	- / 0.207	- / 0.213	- / -	- / 0.213	- / 1.376	- / 0.289	- / -	- / -	- / -	- / 14.316
OTHER GOVT	- / 9.148	- / 4.544	- / 1.261	- / 1.375	- / -	- / 1.375	- / 3.680	- / 1.890	- / -	- / -	- / -	- / 21.898
<i>Subtotal: Support</i>	- / 24.175	- / 10.256	- / 16.906	- / 6.094	- / -	- / 6.094	- / 36.793	- / 19.140	- / 0.000	- / -	- / -	- / 113.364
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>49.950</b>	<b>39.255</b>	<b>47.944</b>	<b>28.362</b>	<b>0.000</b>	<b>28.362</b>	<b>38.624</b>	<b>20.209</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>224.344</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F01600 / F-16		<b>Modification Number / Title:</b> 602148 / MMC and Display Generator Upgrade		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>			
<b>Modification Item 1 of 2:</b> MMC Kit							
<b>Manufacturer Information</b>							
Manufacturer Name: Raytheon				Manufacturer Location: McKinney, TX			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 11			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Mar 2023	Mar 2024	Mar 2025				
Delivery Dates	Feb 2024	Feb 2025	Feb 2026				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 608		



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F01600 / F-16		<b>Modification Number / Title:</b> 602148 / MMC and Display Generator Upgrade		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>			
<b>Modification Item 2 of 2:</b> PDG Kit							
<b>Manufacturer Information</b>							
Manufacturer Name: General Dynamics				Manufacturer Location: Minneapolis, MN			
Administrative Leadtime ( <i>in Months</i> ): 0				Production Leadtime ( <i>in Months</i> ): 14			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	May 2023	Jun 2024	Jun 2025				
Delivery Dates	Jul 2024	Aug 2025	Aug 2026				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 608		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 602600 / F-16 LEGACY STRUCTURAL SLEP

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	284.200	93.984	133.904	61.536	0.000	61.536	59.537	62.041	60.602	63.375	545.090	1,364.269
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	284.200	93.984	133.904	61.536	0.000	61.536	59.537	62.041	60.602	63.375	545.090	1,364.269
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>284.200</b>	<b>93.984</b>	<b>133.904</b>	<b>61.536</b>	<b>0.000</b>	<b>61.536</b>	<b>59.537</b>	<b>62.041</b>	<b>60.602</b>	<b>63.375</b>	<b>545.090</b>	<b>1,364.269</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

F-16 Legacy Structural Service Life Extension Program (SLEP) extends the service life of up to all F-16 Block (Blk) 40-52 beyond 8000 Equivalent Flying Hours (EFH) to ensure platform structural integrity. The F-16 SLEP is a depot-level upgrade program to replace or repair life limiting components identified during Full Scale Durability Testing (FSDT). Installation of the components were validated during Engineering and Manufacturing Development (EMD). Without modification of life-limited structures, the F-16 will experience continued structural degradation. Because of potential variation in modification requirements and installation schedules among aircraft blocks, the quantity and unit cost of kit procurement and hardware installation will differ from year to year, depending on the mix of aircraft involved.

The quantity for the program is up to 350 block 40-52 aircraft. The current future years defense program funds 190 modifications. The Air Force plans to complete SLEP on 318 aircraft through FY 2038. This change in procurement profile is reflected in the reduction of the annual kit buys and installs.

This funding request will support potential DMS and obsolescence solutions, to include, if optimal, life of type buys or bridge buys limited to the program of record quantity.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

The full-rate production was approved Jun 2020. OCONUS PACAF depot contract was awarded in early FY21 and work began in 2nd quarter FY21. A Dual Award IDIQ was awarded for USAFE depot contract to support in-theatre USAFE a/c and CONUS overflow a/c April 2022. Work began Jul 2022.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	78.852	103.705	45.674	-	45.674	46.897	49.783	43.991	51.396
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	15.132	30.199	15.862	-	15.862	12.640	12.258	16.611	11.979
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 602600 / F-16 LEGACY STRUCTURAL SLEP

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	93.984	133.904	61.536	0.000	61.536	59.537	62.041	60.602	63.375

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01600 / F-16					<b>Modification Number / Title:</b> 602600 / F-16 LEGACY STRUCTURAL SLEP			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-16				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b> 0207133F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Legacy SLEP Kit</i>													
A Kits													
Recurring													
Legacy SLEP Kit:INSTALL KITS Group A (Active)	105 / 46.648	29 / 10.250	26 / 9.291	10 / 3.621	- / -	10 / 3.621	8 / 2.933	8 / 2.974	8 / 2.974	8 / 3.016	48 / 19.729	250 / 101.436	
Legacy SLEP Kit:INSTALL KITS Group A (Guard)	28 / 15.134	12 / 4.242	6 / 2.144	2 / 0.724	- / -	2 / 0.724	2 / 0.733	2 / 0.744	2 / 0.744	2 / 0.754	12 / 4.932	68 / 30.151	
<i>Subtotal: Recurring</i>	- / 61.782	- / 14.492	- / 11.435	- / 4.345	- / -	- / 4.345	- / 3.666	- / 3.718	- / 3.718	- / 3.770	- / 24.661	- / 131.587	
<i>Subtotal: Legacy SLEP Kit</i>	- / 61.782	- / 14.492	- / 11.435	- / 4.345	- / -	- / 4.345	- / 3.666	- / 3.718	- / 3.718	- / 3.770	- / 24.661	- / 131.587	
<i>Subtotal: Procurement, All Modification Items</i>	- / 61.782	- / 14.492	- / 11.435	- / 4.345	- / -	- / 4.345	- / 3.666	- / 3.718	- / 3.718	- / 3.770	- / 24.661	- / 131.587	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	
A&AS	- / 2.347	- / 0.496	- / 0.524	- / 0.360	- / -	- / 0.360	- / 0.185	- / 0.191	- / 0.197	- / 0.203	- / 0.873	- / 15.376	
Change Orders	- / 10.646	- / -	- / 0.031	- / 0.001	- / -	- / 0.001	- / 0.036	- / 0.037	- / 0.037	- / 0.038	- / 0.157	- / 10.983	
Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	
SUPPORT-EQUIP	- / 15.259	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.259	
OTHER GOVT	- / 157.534	- / -	- / 0.342	- / 0.062	- / -	- / 0.062	- / 0.082	- / 0.525	- / 1.115	- / 3.240	- / 5.300	- / 68.200	
<i>Subtotal: Support</i>	- / 85.786	- / 0.496	- / 0.897	- / 0.423	- / -	- / 0.423	- / 0.303	- / 0.753	- / 1.349	- / 3.481	- / 6.330	- / 99.818	
<b>Installation</b>													
<i>Modification Item 1 of 1: Legacy SLEP Kit</i>	49 / 136.632	29 / 78.996	39 / 121.572	15 / 56.768	- / -	15 / 56.768	14 / 55.568	15 / 57.570	14 / 55.535	15 / 56.124	128 / 514.099	318 / 1,132.864	
<i>Subtotal: Installation</i>	49 / 136.632	29 / 78.996	39 / 121.572	15 / 56.768	- / -	15 / 56.768	14 / 55.568	15 / 57.570	14 / 55.535	15 / 56.124	128 / 514.099	318 / 1,132.864	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>284.200</b>	<b>93.984</b>	<b>133.904</b>	<b>61.536</b>	<b>0.000</b>	<b>61.536</b>	<b>59.537</b>	<b>62.041</b>	<b>60.602</b>	<b>63.375</b>	<b>545.090</b>	<b>1,364.269</b>	

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 602600 / F-16 LEGACY STRUCTURAL SLEP

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Legacy SLEP Kit

**Manufacturer Information**

Manufacturer Name: Multiple	Manufacturer Location: Fort Worth, TX
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Apr 2023	Apr 2024	Apr 2025	Apr 2026	Apr 2027	Apr 2028	Apr 2029
Delivery Dates	Apr 2025	Apr 2026	Apr 2027	Apr 2028	Apr 2029	Apr 2030	Apr 2031

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	49 / 136.632	29 / 78.996	39 / 121.572	15 / 56.768	- / -	15 / 56.768	1 / 3.969	- / -	- / -	- / -	- / -	133 / 397.937
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	13 / 51.599	15 / 57.570	10 / 39.668	3 / 11.225	- / -	41 / 160.062
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 15.867	12 / 44.899	16 / 61.569	32 / 122.335
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 47.044	12 / 47.044
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 39.572	10 / 39.572
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 40.024	10 / 40.024
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 40.736	10 / 40.736
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 40.736	10 / 40.736
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 244.418	60 / 244.418
Total	49 / 136.632	29 / 78.996	39 / 121.572	15 / 56.768	- / -	15 / 56.768	14 / 55.568	15 / 57.570	14 / 55.535	15 / 56.124	128 / 514.099	318 / 1,132.864

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	49	8	7	7	7	10	10	10	9	4	4	4	3	4	3	4	3	4	4	4	3	4	3	4	3	4	4	4	3	128	318
Out	5	7	3	8	15	8	11	12	8	8	7	7	7	10	10	10	9	4	4	4	3	4	3	4	3	4	4	4	3	129	318

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 618250 / Comm Suite Upgrade
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	159.407	42.041	20.077	78.875	0.000	78.875	101.460	111.429	58.447	59.684	148.724	780.144
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	159.407	42.041	20.077	78.875	0.000	78.875	101.460	111.429	58.447	59.684	148.724	780.144
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>159.407</b>	<b>42.041</b>	<b>20.077</b>	<b>78.875</b>	<b>0.000</b>	<b>78.875</b>	<b>101.460</b>	<b>111.429</b>	<b>58.447</b>	<b>59.684</b>	<b>148.724</b>	<b>780.144</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	8.882	-	-	-	-	-	-	-	-	-	-	8.882
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

In August 2017, the Chairman, Joint Chiefs of Staff directed a modernization effort based on the recommendation of the National Security Agency (NSA) to modernize equipment and provide enhanced security for tactical networks (Cryptographic Modernization (CM)). The F-16 Comm Suite Upgrade addresses these mandates by including CM, Mobile User Objective System (MUOS), second generation Anti-Jam Tactical UHF Radio for NATO (SATURN), a Cockpit Communication Control Panel (C3PO) and a Digital Comm Matrix (DCM).

On 1 June 2023, the program received 306K in Section 8121 of the Consolidated Appropriations Act, 2023 (P.L. 117-328) for revised economic assumptions due to unanticipated inflation in FY 2023.

This funding request will support potential DMS and obsolescence solutions, which may include lifetime buys or bridge buys limited to the program of record quantity. This funding request also supports flight testing and technical data updates, as required.

Installs will be completed in depots (OO-ALC & AMARG) and CFTs (multiple vendors), install costs fluctuate depending on install location and configuration.

**Milestone/Development Status**

- Milestone C completed Dec 19
- Block 30C Fielding Began Feb 23
- Block 40C TVI #1 Completed Aug 23
- Block 40C TVI #2 Started Oct 23
- Block 40C Kit Proof Starts Nov 24
- Block 50C TVI#1 & 2 Completed Jul 23
- Block 50C Kit Proof Started Jan 24
- Block 50C Fielding Starts Oct 24

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	-	-	-	-	-	-	-	-	-
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	13.609	15.502	42.563	-	42.563	81.731	80.875	36.447	45.033
AFNG	-	-	-	-	-	-	-	-	-
Quantity	-	-	-	-	-	-	-	-	-

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 618250 / Comm Suite Upgrade
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Secondary Distribution</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Total Obligation Authority	21.180	4.575	27.812	-	27.812	19.729	30.554	22.000	14.651
AFR									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	7.252	-	8.500	-	8.500	-	-	-	-
<b>Total: Secondary Distribution</b>									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	<b>42.041</b>	<b>20.077</b>	<b>78.875</b>	<b>0.000</b>	<b>78.875</b>	<b>101.460</b>	<b>111.429</b>	<b>58.447</b>	<b>59.684</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01600 / F-16					<b>Modification Number / Title:</b> 618250 / Comm Suite Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-16				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207133F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207133F	2 / 14.845	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 14.845	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Comm Suite MUOS</b>													
A Kits													
Recurring													
Comm Suite MUOS:INSTALL KITS Group A (Active)	52 / 7.215	5 / 0.035	- / -	74 / 10.546	- / -	74 / 10.546	79 / 11.191	55 / 8.995	20 / 2.580	60 / 8.740	105 / 13.158	450 / 62.460	
Comm Suite MUOS:INSTALL KITS Group A (Guard)	52 / 2.179	40 / 0.194	- / -	20 / 2.580	- / -	20 / 2.580	26 / 3.354	44 / 6.576	- / -	40 / 5.171	12 / 1.548	234 / 21.602	
Comm Suite MUOS:INSTALL KITS Group A (Reserve)	7 / 0.047	17 / 0.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.894	
<b>Subtotal: Recurring</b>	<b>- / 9.441</b>	<b>- / 1.076</b>	<b>- / -</b>	<b>- / 13.126</b>	<b>- / -</b>	<b>- / 13.126</b>	<b>- / 14.545</b>	<b>- / 15.571</b>	<b>- / 2.580</b>	<b>- / 13.911</b>	<b>- / 14.706</b>	<b>- / 84.956</b>	
B Kits													
Recurring													
Comm Suite MUOS:EQUIPMENT Group B (Active)	52 / 12.540	5 / 2.685	- / -	74 / 18.538	- / -	74 / 18.538	79 / 19.803	55 / 15.097	20 / 4.420	60 / 15.220	105 / 24.174	450 / 112.477	
Comm Suite MUOS:EQUIPMENT Group B (Guard)	52 / 12.002	40 / 9.626	- / -	20 / 5.232	- / -	20 / 5.232	26 / 6.375	44 / 10.978	- / -	40 / 9.480	12 / 2.844	234 / 56.537	
Comm Suite MUOS:EQUIPMENT Group B (Reserve)	7 / 1.642	17 / 4.196	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 5.838	
<b>Subtotal: Recurring</b>	<b>- / 26.184</b>	<b>- / 16.507</b>	<b>- / -</b>	<b>- / 23.770</b>	<b>- / -</b>	<b>- / 23.770</b>	<b>- / 26.178</b>	<b>- / 26.075</b>	<b>- / 4.420</b>	<b>- / 24.700</b>	<b>- / 27.018</b>	<b>- / 174.852</b>	
<b>Subtotal: Comm Suite MUOS</b>	<b>- / 35.625</b>	<b>- / 17.583</b>	<b>- / -</b>	<b>- / 36.896</b>	<b>- / -</b>	<b>- / 36.896</b>	<b>- / 40.723</b>	<b>- / 41.646</b>	<b>- / 7.000</b>	<b>- / 38.611</b>	<b>- / 41.724</b>	<b>- / 259.808</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 35.625</b>	<b>- / 17.583</b>	<b>- / -</b>	<b>- / 36.896</b>	<b>- / -</b>	<b>- / 36.896</b>	<b>- / 40.723</b>	<b>- / 41.646</b>	<b>- / 7.000</b>	<b>- / 38.611</b>	<b>- / 41.724</b>	<b>- / 259.808</b>	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / 143.224	- / 2.047	- / -	- / 12.495	- / -	- / 12.495	- / 3.720	- / 4.210	- / -	- / 2.475	- / -	- / 58.171	
GROUP A: TOTAL NONRECURRING	- / -	- / 1.485	- / -	- / 11.823	- / -	- / 11.823	- / 2.915	- / 3.372	- / 0.366	- / 1.899	- / -	- / 11.860	
A&AS	- / 4.147	- / 0.800	- / 1.000	- / 1.200	- / -	- / 1.200	- / 1.500	- / 1.578	- / 0.732	- / 1.329	- / -	- / 12.286	
Data	- / 17.639	- / 0.249	- / -	- / 0.475	- / -	- / 0.475	- / 0.520	- / 0.535	- / 0.320	- / 0.553	- / -	- / 10.291	
Change Orders	- / 17.186	- / 0.806	- / -	- / 1.150	- / -	- / 1.150	- / 10.337	- / 2.060	- / -	- / 0.512	- / -	- / 12.051	
OTHER GOVT	- / 132.594	- / 14.021	- / -	- / 12.502	- / -	- / 12.502	- / 12.737	- / 13.521	- / 0.257	- / 3.050	- / -	- / 148.682	
SUPPORT-EQUIP	- / 128.428	- / 0.353	- / 0.167	- / 10.334	- / -	- / 10.334	- / 12.008	- / 2.007	- / 0.272	- / 1.255	- / -	- / 34.824	
<b>Subtotal: Support</b>	<b>- / 123.218</b>	<b>- / 9.761</b>	<b>- / 1.167</b>	<b>- / 9.979</b>	<b>- / -</b>	<b>- / 9.979</b>	<b>- / 13.737</b>	<b>- / 17.283</b>	<b>- / 1.947</b>	<b>- / 11.073</b>	<b>- / -</b>	<b>- / 188.165</b>	
<b>Installation</b>													
<b>Modification Item 1 of 1: Comm Suite MUOS</b>	1 / 0.564	46 / 14.697	62 / 18.910	64 / 32.000	- / -	64 / 32.000	94 / 47.000	105 / 52.500	99 / 49.500	20 / 10.000	217 / 107.000	708 / 332.171	
<b>Subtotal: Installation</b>	<b>1 / 0.564</b>	<b>46 / 14.697</b>	<b>62 / 18.910</b>	<b>64 / 32.000</b>	<b>- / -</b>	<b>64 / 32.000</b>	<b>94 / 47.000</b>	<b>105 / 52.500</b>	<b>99 / 49.500</b>	<b>20 / 10.000</b>	<b>217 / 107.000</b>	<b>708 / 332.171</b>	
<b>Total</b>													



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> F01600 / F-16						<b>Modification Number / Title:</b> 618250 / Comm Suite Upgrade		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-16				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207133F				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<b>Total Cost (Procurement + Support + Installation)</b>	159.407	42.041	20.077	78.875	0.000	78.875	101.460	111.429	58.447	59.684	148.724	780.144

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 618250 / Comm Suite Upgrade
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Comm Suite MUOS

**Manufacturer Information**

Manufacturer Name: Collins	Manufacturer Location: Cedar Rapids IA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Mar 2023		Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates	Mar 2024		Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.564	46 / 14.697	62 / 18.910	2 / 1.000	- / -	2 / 1.000	- / -	- / -	- / -	- / -	- / -	111 / 35.171
FY 2023	- / -	- / -	- / -	62 / 31.000	- / -	62 / 31.000	- / -	- / -	- / -	- / -	- / -	62 / 31.000
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	94 / 47.000	- / -	- / -	- / -	- / -	94 / 47.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	105 / 52.500	- / -	- / -	- / -	105 / 52.500
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	99 / 49.500	- / -	- / -	99 / 49.500
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 10.000	- / -	20 / 10.000
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 50.000	100 / 50.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 57.000	117 / 57.000
<b>Total</b>	<b>1 / 0.564</b>	<b>46 / 14.697</b>	<b>62 / 18.910</b>	<b>64 / 32.000</b>	<b>- / -</b>	<b>64 / 32.000</b>	<b>94 / 47.000</b>	<b>105 / 52.500</b>	<b>99 / 49.500</b>	<b>20 / 10.000</b>	<b>217 / 107.000</b>	<b>708 / 332.171</b>

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	11	11	12	12	15	16	15	16	16	16	16	16	23	23	24	24	26	26	26	27	25	25	25	24	5	5	5	5	217	708
Out	0	1	11	11	12	12	15	16	15	16	16	16	16	16	23	23	24	24	26	26	26	27	25	25	25	24	5	5	5	222	708

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 633031 / HFLCC AGCAS

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	84.483	28.659	2.350	8.017	0.000	8.017	25.542	0.000	-	-	-	149.051
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	84.483	28.659	2.350	8.017	0.000	8.017	25.542	0.000	-	-	-	149.051
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>84.483</b>	<b>28.659</b>	<b>2.350</b>	<b>8.017</b>	<b>0.000</b>	<b>8.017</b>	<b>25.542</b>	<b>0.000</b>	-	-	-	<b>149.051</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Hybrid Flight Control Computer (HFLCC) Auto Ground Collision Avoidance System (AGCAS) prevents most Controlled Flight Into Terrain (CFIT) accidents using terrain database and predictive algorithms to execute automated aircraft fly-up, in the event of pilot disorientation or incapacitation. Program includes Secure Mission Data System (SMDS), B-Multiplexer(BMUX), as well as Digital Stand-by Attitude Indicator (SAI) that aids pilot in recovery of the aircraft in the event of an Embedded GPS-aided Inertial navigation systems (EGI) failure.

This funding request will support potential DMS and obsolescence solutions, to include, if optimal, life of type buys, or bridge buys limited to the program of record quantity. This funding request also supports flight testing and technical data updates, as required.

Pre-Block AGCAS program was planned based on AFRL developed and designed program using Advance Data Transfer Equipment (ADTE) as the AGCAS hosting solution. Due to DMS issues with ADTE, SPO had to move to Secure Mission Data System (SMDS) to host AGCAS. AGCAS hosting in the new SMDS environment set the program back 2+ years due to LM Aero having to re-host the AGCAS algorithm in SMDS. This effort is still on-going. The current forecast shows that AGCAS will buy Group B SMDS kits in FY24, and install them in FY25-FY26.

**Milestone/Development Status**

Milestone C approved. System Program Office has began Low Rate production buys in Jan 22 and will begin full rate production buys of Group B in Sept 24.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	18.735	1.355	6.289	-	6.289	17.250	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	9.660	0.686	1.584	-	1.584	8.214	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.264	0.309	0.144	-	0.144	0.078	-	-	-
<b>Total:</b> <b>Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>28.659</b>	<b>2.350</b>	<b>8.017</b>	<b>0.000</b>	<b>8.017</b>	<b>25.542</b>	<b>0.000</b>	-	-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01600 / F-16					<b>Modification Number / Title:</b> 633031 / HFLCC AGCAS			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-16				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207133F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 2: HFLCC Install Kits</b>													
A Kits													
Recurring													
HFLCC Install Kits:INSTALL KITS Group A (Active)	2 / 0.021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.021	
HFLCC Install Kits:INSTALL KITS Group A (Guard)	121 / 1.285	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	121 / 1.285	
HFLCC Install Kits:INSTALL KITS Group A (Reserve)	54 / 0.574	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 0.574	
<b>Subtotal: Recurring</b>	<b>- / 1.880</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 1.880</b>	
B Kits													
Recurring													
HFLCC Install Kits:EQUIPMENT Group B (Active)	2 / 0.220	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.220	
HFLCC Install Kits:EQUIPMENT Group B (Guard)	121 / 12.902	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	121 / 12.902	
HFLCC Install Kits:EQUIPMENT Group B (Reserve)	54 / 5.756	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 5.756	
<b>Subtotal: Recurring</b>	<b>- / 18.878</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 18.878</b>	
<b>Subtotal: HFLCC Install Kits</b>	<b>- / 20.758</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 20.758</b>	
<b>Modification Item 2 of 2: SMDS Install Kits</b>													
A Kits													
Recurring													
SMDS Install Kits:INSTALL KITS Group A (Guard)	- / -	100 / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 4.500	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / 4.500</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 4.500</b>	
B Kits													
Recurring													
SMDS Install Kits:EQUIPMENT Group B (Guard)	- / -	100 / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 4.500	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / 4.500</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 4.500</b>	
<b>Subtotal: SMDS Install Kits</b>	<b>- / -</b>	<b>- / 9.000</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 9.000</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 20.758</b>	<b>- / 9.000</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 29.758</b>	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 15.354	- / 5.500	- / -	- / 13.050	- / -	- / 13.050	- / 16.646	- / -	- / -	- / -	- / -	- / 30.550	
GROUP B: TOTAL NONRECURRING	- / 127.157	- / 15.120	- / 11.355	- / 13.239	- / -	- / 13.239	- / 14.852	- / -	- / -	- / -	- / -	- / 141.723	
Change Orders	- / 14.156	- / 14.159	- / -	- / -	- / -	- / -	- / 13.232	- / -	- / -	- / -	- / -	- / 21.547	
OTHER GOVT	- / 14.364	- / 13.956	- / -	- / -	- / -	- / -	- / 12.520	- / -	- / -	- / -	- / -	- / 110.840	
<b>Subtotal: Support</b>	<b>- / 61.031</b>	<b>- / 18.735</b>	<b>- / 11.355</b>	<b>- / 16.289</b>	<b>- / -</b>	<b>- / 16.289</b>	<b>- / 17.250</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 104.660</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> F01600 / F-16				<b>Modification Number / Title:</b> 633031 / HFLCC AGCAS				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-16			<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207133F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Installation</b>												
<i>Modification Item 1 of 2:</i> HFLCC Install Kits	104 / 2.694	28 / 0.924	29 / 0.995	8 / 0.288	- / -	8 / 0.288	8 / 0.312	- / -	- / -	- / -	- / -	177 / 5.213
<i>Modification Item 2 of 2:</i> SMDS Install Kits	- / -	- / -	- / -	16 / 1.440	- / -	16 / 1.440	84 / 7.980	- / -	- / -	- / -	- / -	100 / 9.420
<i>Subtotal: Installation</i>	104 / 2.694	28 / 0.924	29 / 0.995	24 / 1.728	- / -	24 / 1.728	92 / 8.292	- / -	- / -	- / -	- / -	277 / 14.633
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>84.483</b>	<b>28.659</b>	<b>2.350</b>	<b>8.017</b>	<b>0.000</b>	<b>8.017</b>	<b>25.542</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>149.051</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 633031 / HFLCC AGCAS
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 2:** HFLCC Install Kits

**Manufacturer Information**

Manufacturer Name: BAE Systems	Manufacturer Location: Hill AFB
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	104 / 2.694	28 / 0.924	29 / 0.995	8 / 0.288	- / -	8 / 0.288	8 / 0.312	- / -	- / -	- / -	- / -	177 / 5.213
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	104 / 2.694	28 / 0.924	29 / 0.995	8 / 0.288	- / -	8 / 0.288	8 / 0.312	- / -	- / -	- / -	- / -	177 / 5.213

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	104	9	6	8	5	4	9	7	9	2	2	2	2	4	4	-	-	-	-	-	-	-	-	-	-	-	-	0	177	
Out	93	11	9	6	8	5	4	9	7	9	2	2	2	2	4	4	-	-	-	-	-	-	-	-	-	-	-	0	177	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 633031 / HFLCC AGCAS
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 2 of 2:** SMDS Install Kits

**Manufacturer Information**

Manufacturer Name: Mercury Manufacturer Location: Hill AFB

Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 2

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	May 2023						
Delivery Dates	Jul 2023						

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	16 / 1.440	- / -	16 / 1.440	84 / 7.980	- / -	- / -	- / -	- / -	100 / 9.420
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	16 / 1.440	- / -	16 / 1.440	84 / 7.980	- / -	- / -	- / -	- / -	100 / 9.420

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	16	19	21	24	20	-	-	-	-	-	-	-	-	-	-	-	-	0	100
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	16	19	21	24	20	-	-	-	-	-	-	-	-	-	-	-	0	100

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F01600 / F-16	<b>Modification Number / Title:</b> 633034 / Secure Mission Data Systems

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	19.620	45.347	34.383	0.000	34.383	32.147	31.608	22.405	28.002	0.000	213.512
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	19.620	45.347	34.383	0.000	34.383	32.147	31.608	22.405	28.002	0.000	213.512
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>19.620</b>	<b>45.347</b>	<b>34.383</b>	<b>0.000</b>	<b>34.383</b>	<b>32.147</b>	<b>31.608</b>	<b>22.405</b>	<b>28.002</b>	<b>0.000</b>	<b>213.512</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Secure Mission Data System (SMDS) will replace multiple unsupported legacy systems, become the host of the Auto Ground Collision Avoidance System (AGCAS) algorithms and comply with NSA Type 1 encryption and data protection. Current F-16 Advanced Data Transfer Equipment (ADTE) (ADTE - includes DTU and DTC) and Digital Video Recorders (DVR) are experiencing Diminishing Manufacturing Source (DMS) issues which are hindering sustainment and supportability. Additionally, legacy devices have insufficient memory, processing power, and interfaces (Ethernet) to support ever increasing mission requirements. Program includes buy/install of SMDS LRU, Ground Encryption Device (GED), and Removable Storage Devices (RSDs). Program includes Digital Stand-by Attitude Indicator (SAI) that aids pilot in recovery of the aircraft in the event of an EGI failure.

The quantity for the program includes up to 608 Post-Blk aircraft (40/42/50/52). Currently funded to FY29 on a total of 314 aircraft. In FY29 ~\$11.6M is planned for installs in FY30.

**Milestone/Development Status**

Development complete.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.620	44.250	31.554	-	31.554	28.095	27.556	18.311	21.532
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	1.097	2.829	-	2.829	4.052	4.052	4.094	6.470
<b>Total:</b> <b>Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>19.620</b>	<b>45.347</b>	<b>34.383</b>	<b>0.000</b>	<b>34.383</b>	<b>32.147</b>	<b>31.608</b>	<b>22.405</b>	<b>28.002</b>



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F01600 / F-16					<b>Modification Number / Title:</b> 633034 / Secure Mission Data Systems			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-16				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207133F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: COMMON: SMDS: Equipment</i>													
B Kits													
Recurring													
COMMON: SMDS: Equipment:EQUIPMENT Group B (Active)	- / -	- / -	15 / 3.023	63 / 8.819	- / -	63 / 8.819	63 / 8.862	62 / 8.655	17 / 2.392	39 / 5.486	- / -	259 / 37.237	
COMMON: SMDS: Equipment:EQUIPMENT Group B (Guard)	- / -	- / -	5 / 1.001	10 / 1.399	- / -	10 / 1.399	10 / 1.431	10 / 1.431	10 / 1.463	10 / 1.463	- / -	55 / 8.188	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 4.024	- / 10.218	- / -	- / 10.218	- / 10.293	- / 10.086	- / 3.855	- / 6.949	- / -	- / 45.425	
<i>Subtotal: COMMON: SMDS: Equipment</i>	- / -	- / -	- / 4.024	- / 10.218	- / -	- / 10.218	- / 10.293	- / 10.086	- / 3.855	- / 6.949	- / -	- / 45.425	
<i>Modification Item 2 of 2: Install Kits Group B</i>													
A Kits													
Recurring													
Install Kits Group B:INSTALL KITS Group A (Active)	- / -	- / -	15 / 0.288	63 / 1.717	- / -	63 / 1.717	63 / 1.754	62 / 1.721	17 / 0.473	39 / 1.122	- / -	259 / 7.075	
Install Kits Group B:INSTALL KITS Group A (Guard)	- / -	- / -	5 / 0.096	10 / 0.245	- / -	10 / 0.245	10 / 0.251	10 / 0.251	10 / 0.261	10 / 0.267	- / -	55 / 1.371	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 0.384	- / 1.962	- / -	- / 1.962	- / 2.005	- / 1.972	- / 0.734	- / 1.389	- / -	- / 8.446	
<i>Subtotal: Install Kits Group B</i>	- / -	- / -	- / 0.384	- / 1.962	- / -	- / 1.962	- / 2.005	- / 1.972	- / 0.734	- / 1.389	- / -	- / 8.446	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / 4.408	- / 12.180	- / -	- / 12.180	- / 12.298	- / 12.058	- / 4.589	- / 8.338	- / -	- / 53.871	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / 8.496	- / 19.477	- / 6.738	- / -	- / 6.738	- / -	- / -	- / -	- / -	- / -	- / 34.711	
GROUP B: TOTAL NONRECURRING	- / -	- / 8.496	- / 19.478	- / 8.426	- / -	- / 8.426	- / -	- / -	- / -	- / -	- / -	- / 36.400	
A&AS	- / -	- / 0.336	- / 0.389	- / 0.596	- / -	- / 0.596	- / 0.731	- / 0.747	- / 0.763	- / 0.780	- / -	- / 4.342	
SUPPORT-EQUIP	- / -	- / 2.292	- / 1.466	- / 1.571	- / -	- / 1.571	- / 1.679	- / 1.361	- / -	- / 0.739	- / -	- / 9.108	
Change Orders	- / -	- / -	- / 0.129	- / 0.132	- / -	- / 0.132	- / 0.138	- / 0.141	- / 0.144	- / -	- / -	- / 0.684	
<i>Subtotal: Support</i>	- / -	- / 19.620	- / 40.939	- / 17.463	- / -	- / 17.463	- / 2.548	- / 2.249	- / 0.907	- / 1.519	- / -	- / 85.245	
<b>Installation</b>													
<i>Modification Item 2 of 2: Install Kits Group B</i>	- / -	- / -	- / -	20 / 4.740	- / -	20 / 4.740	73 / 17.301	73 / 17.301	72 / 16.909	27 / 18.145	49 / 0.000	314 / 74.396	
<i>Subtotal: Installation</i>	- / -	- / -	- / -	20 / 4.740	- / -	20 / 4.740	73 / 17.301	73 / 17.301	72 / 16.909	27 / 18.145	49 / -	314 / 74.396	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	19.620	45.347	34.383	0.000	34.383	32.147	31.608	22.405	28.002	0.000	213.512	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F01600 / F-16			<b>Modification Number / Title:</b> 633034 / Secure Mission Data Systems	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> COMMON: SMDS: Equipment							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2											<b>P-1 Line Item Number / Title:</b> F01600 / F-16											<b>Modification Number / Title:</b> 633034 / Secure Mission Data Systems										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B											<b>MDAP/MAIS Code:</b>																					
<b>Modification Item 2 of 2: Install Kits Group B</b>																																
<b>Manufacturer Information</b>																																
Manufacturer Name: Multiple												Manufacturer Location: TBD																				
Administrative Leadtime (in Months): 0												Production Leadtime (in Months): 12																				
<b>Dates</b>		<b>FY 2023</b>				<b>FY 2024</b>				<b>FY 2025</b>				<b>FY 2026</b>				<b>FY 2027</b>				<b>FY 2028</b>				<b>FY 2029</b>						
Contract Dates						May 2024				May 2025				May 2026				May 2027				May 2028				May 2029						
Delivery Dates						May 2025				May 2026				May 2027				May 2028				May 2029				May 2030						
<b>Installation Information</b>																																
<b>Method of Implementation: Depot</b>																																
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>																			
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2023		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2024		- / -	- / -	- / -	20 / 4.740	- / -	20 / 4.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2025		- / -	- / -	- / -	- / -	- / -	- / -	73 / 17.301	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2026		- / -	- / -	- / -	- / -	- / -	- / -	- / -	73 / 17.301	- / -	- / -	- / -	- / -	- / -																		
FY 2027		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 16.909	- / -	- / -	- / -	- / -																		
FY 2028		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 6.399	- / -	- / -	- / -																		
FY 2029		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 11.746	49 / 0.000	49 / 11.746																			
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
Total		- / -	- / -	- / -	20 / 4.740	- / -	20 / 4.740	73 / 17.301	73 / 17.301	72 / 16.909	27 / 18.145	49 / 0.000	314 / 74.396																			
<b>Installation Schedule</b>																																
		<b>FY 2023</b>				<b>FY 2024</b>				<b>FY 2025</b>				<b>FY 2026</b>				<b>FY 2027</b>				<b>FY 2028</b>				<b>FY 2029</b>						
	<b>PYS</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>TC</b>	<b>Tot</b>	
In	0	-	-	-	-	-	-	-	-	-	-	10	10	18	18	18	19	18	18	18	19	18	18	18	18	7	7	7	6	49	314	
Out	0	-	-	-	-	-	-	-	-	-	-	10	10	18	18	18	19	18	18	18	19	18	18	18	18	7	7	7	6	49	314	

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
F02200 / F-22A

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207138F **Other Related Program Elements:** 0207138F

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,455.531	719.933	794.676	861.125	-	861.125	1,019.413	1,101.842	886.729	842.638	1,205.011	9,886.898
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	-	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2,455.531	719.933	794.676	861.125	-	861.125	1,019.413	1,101.842	886.729	842.638	1,205.011	9,886.898
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	-	0.000
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,455.531</b>	<b>719.933</b>	<b>794.676</b>	<b>861.125</b>	<b>-</b>	<b>861.125</b>	<b>1,019.413</b>	<b>1,101.842</b>	<b>886.729</b>	<b>842.638</b>	<b>1,205.011</b>	<b>9,886.898</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-22 Raptor is a multi-mission fighter aircraft that combines low observability, supercruise, maneuverability and integrated avionics provides air superiority to the Joint Force, access in highly contested environments, as well as homeland and cruise missile defense into the 2040s. To maintain operational relevance, the program continues planned, incremental modernization efforts that enhance both F-22 air superiority and strike capabilities. The F-22 modernization enterprise develops, tests, and fields hardware/software of the air vehicle, engine, Operational Flight Program (OFP), and training systems to improve F-22 weapons, communications, navigation, pilot-vehicle interface, and electronic warfare suite.

Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill Federal Aviation Administration (FAA) or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

Funding for this exhibit contained in Program (PE) 0207138F.

In accordance with Section 1815 of the FY08 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	707.354	748.342	690.820	-	690.820	827.896	891.324	715.885	673.856
AFNG									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	12.579	46.334	170.305	-	170.305	191.517	210.518	170.844	168.782
<b>Total:</b>									
<b>Secondary Distribution</b>									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	<b>719.933</b>	<b>794.676</b>	<b>861.125</b>	<b>-</b>	<b>861.125</b>	<b>1,019.413</b>	<b>1,101.842</b>	<b>886.729</b>	<b>842.638</b>

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
F02200 / F-22A

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207138F **Other Related Program Elements:** 0207138F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	F-22A				- / 267.337	- / 1.499	- / 13.500	- / 3.714	- / 0.000	- / 3.714
P-3a	1 / Reliability and Maintainability Program (Reliability & Maintainability)		A		- / 1,764.401	- / 166.819	- / 68.751	- / 88.035	- / 0.000	- / 88.035
P-3a	2 / Link 16 (Capability Improvement)		A		- / 247.632	- / 15.631	- / 39.223	- / 38.352	- / 0.000	- / 38.352
P-3a	3 / Mode 5 Challenge and Reply (Capability Improvement)		B		- / 96.012	- / 58.144	- / 122.531	- / 128.326	- / 0.000	- / 128.326
P-3a	4 / Sensor Enhancement (Capability Improvement)		B		- / 80.149	- / 477.840	- / 459.726	- / 456.136	- / 0.000	- / 456.136
P-3a	5 / Low Drag Tanks and Pylons (Capability Improvement)		B		- / 0.000	- / 0.000	- / 60.149	- / 110.119	- / 0.000	- / 110.119
P-3a	6 / Controlled Reception Pattern Antenna (CRPA) (Capability Improvement)		B		- / -	- / 0.000	- / 30.796	- / 36.443	- / 0.000	- / 36.443
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 2,455.531</b>	<b>- / 719.933</b>	<b>- / 794.676</b>	<b>- / 861.125</b>	<b>- / -</b>	<b>- / 861.125</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	F-22A				- / 195.321	- / 313.515	- / 216.219	- / 303.376	- / 49.595	- / 1,364.076
P-3a	1 / Reliability and Maintainability Program (Reliability & Maintainability)		A		- / 79.146	- / 96.335	- / 91.631	- / 97.729	- / -	- / 2,452.847
P-3a	2 / Link 16 (Capability Improvement)		A		- / 30.579	- / 5.789	- / 0.846	- / 0.847	- / 0.570	- / 379.469
P-3a	3 / Mode 5 Challenge and Reply (Capability Improvement)		B		- / 95.576	- / 43.746	- / 0.000	- / 0.000	- / -	- / 544.335
P-3a	4 / Sensor Enhancement (Capability Improvement)		B		- / 447.871	- / 471.874	- / 471.840	- / 398.496	- / 1,154.846	- / 4,418.778
P-3a	5 / Low Drag Tanks and Pylons (Capability Improvement)		B		- / 92.577	- / 88.825	- / 74.003	- / 10.819	- / 0.000	- / 436.492
P-3a	6 / Controlled Reception Pattern Antenna (CRPA) (Capability Improvement)		B		- / 78.343	- / 81.758	- / 32.190	- / 31.371	- / 0.000	- / 290.901
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 1,019.413</b>	<b>- / 1,101.842</b>	<b>- / 886.729</b>	<b>- / 842.638</b>	<b>- / 1,205.011</b>	<b>- / 9,886.898</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.  
Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
Modifications requesting FY25 funding are as follows: F119 Engine Modifications (Other); Trainers Modernization (Safety); Reliability and Maintainability Program (Reliability & Maintainability); Link 16 (Capability Improvement); Mode 5 Reply and Challenge (Capability Improvement); Sensor Enhancement (Capability Improvement); Low Drag Tanks and Pylons (Capability Improvement); and Controlled Reception Pattern Antenna (CRPA) (Capability Improvement). Further details are contained in the P-3A's.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Aggregated Modification Items Title:</b> F-22A
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F22014 / F119 Engine Modifications			-	-	105.980	-	-	1.499	-	-	3.900	-	-	0.069	-	-	-	-	-	0.069
<i>Secondary Distribution</i>																				
AF				-	-		-	-	1.292		-	-	3.461		-	-	-		-	0.069
AFNG				-	-		-	-	0.207		-	-	0.439		-	-	-		-	-
F22024 / Trainers Modernization			-	-	144.878	-	-	-	-	-	9.600	-	-	3.645	-	-	-	-	-	3.645
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-	-	9.600	-	-	3.645	-	-	-	-	-	3.645
F22027 / Crypto Modernization			-	-	16.479	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFNG				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
F22031 / Viability			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFNG				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
F22037 / Embedded Global Positioning System/Internal Navigation System-Modernized (EGI-M)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
AFNG				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>267.337</b>	-	-	<b>1.499</b>	-	-	<b>13.500</b>	-	-	<b>3.714</b>	-	-	<b>0.000</b>	-	-	<b>3.714</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F22014 / F119 Engine Modifications			-	-	4.506	-	-	4.791	-	-	4.879	-	-	5.004	-	-	4.589	-	-	135.217
<i>Secondary Distribution</i>																				
AF				-	4.024		-	4.285		-	4.362		-	4.476		-	-		-	-
AFNG				-	0.482		-	0.506		-	0.517		-	0.528		-	-		-	-
F22024 / Trainers Modernization			-	-	11.731	-	-	3.731	-	-	9.932	-	-	3.731	-	-	3.824	-	-	191.072
<i>Secondary Distribution</i>																				
AF				-	11.731		-	3.731		-	9.932		-	3.731		-	-		-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F02200 / F-22A **Aggregated Modification Items Title:** F-22A

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
F22027 / Crypto Modernization			-	-	38.954	-	-	65.692	-	-	39.503	-	-	48.602	-	-	10.288	-	-	219.518
<i>Secondary Distribution</i>																				
AF				-	30.816		-	56.626		-	31.788		-	38.117		-	-		-	-
AFNG				-	8.138		-	9.066		-	7.715		-	10.485		-	-		-	-
F22031 / Viability			-	-	140.130	-	-	201.723	-	-	125.685	-	-	209.301	-	-	25.709	-	-	702.548
<i>Secondary Distribution</i>																				
AF				-	122.793		-	183.369		-	103.493		-	162.974		-	-		-	-
AFNG				-	17.337		-	18.354		-	22.192		-	46.327		-	-		-	-
F22037 / Embedded Global Positioning System/Internal Navigation System-Modernized (EGI-M)			-	-	-	-	-	37.578	-	-	36.220	-	-	36.738	-	-	5.185	-	-	115.721
<i>Secondary Distribution</i>																				
AF				-	-		-	32.169		-	28.785		-	28.916		-	-		-	-
AFNG				-	-		-	5.409		-	7.435		-	7.822		-	-		-	-
<b>Total</b>			-	-	<b>195.321</b>	-	-	<b>313.515</b>	-	-	<b>216.219</b>	-	-	<b>303.376</b>	-	-	<b>49.595</b>	-	-	<b>1,364.076</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
F22014 / F119 Engine Modifications	F-22	Other
F22024 / Trainers Modernization	F-22	Safety
F22027 / Crypto Modernization	F-22	Capability Improvement
F22031 / Viability	F-22	Capability Improvement
F22037 / Embedded Global Positioning System/Internal Navigation System-Modernized (EGI-M)	F-22	Capability Improvement



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 1 / Reliability and Maintainability Program

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,764.401	166.819	68.751	88.035	0.000	88.035	79.146	96.335	91.631	97.729	-	2,452.847
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,764.401	166.819	68.751	88.035	0.000	88.035	79.146	96.335	91.631	97.729	-	2,452.847
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,764.401</b>	<b>166.819</b>	<b>68.751</b>	<b>88.035</b>	<b>0.000</b>	<b>88.035</b>	<b>79.146</b>	<b>96.335</b>	<b>91.631</b>	<b>97.729</b>	-	<b>2,452.847</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Reliability, Availability, and Maintainability Program (RAMP) provides solutions to improve reliability, availability and maintainability (RAM) for the F-22 fleet. The associated RAMP implementation efforts (O&S funded) develop candidate initiatives, which are down-selected by Air Combat Command, based on development maturity and impact on the F-22 life cycle costs.

The method of quantifying changed from kit numbers to aircraft quantities (not including the test aircraft). This change aligns with the purpose of RAMP to support the F-22 fleet by fiscal year and is reflected starting in FY25. This decision was made because of high variability in the number of projects and kit quantities. Tracking by aircraft quantities is a more accurate method of planning RAMP budgets and reflects the total hardware required to retrofit each fleet aircraft. The RAMP program includes funding for retrofit installation labor and modifications which address corrosion, reduce maintenance hours, increase safety and provide urgent response requirements identified by the user to the F-22 fleet. Urgent response requirements are quick demand requirements addressing safety or air superiority, ensuring the warfighter and the weapon system are operating as intended. RAMP funds may be used to resolve safety of flight issues, accommodate technology insertion and fulfill Federal Aviation Administration requirements or other mandates necessary to ensure continued aircrew safety and mission effectiveness. RAMP modifications currently include individual projects which are retrofitted onto aircraft based on aircraft downtime opportunities.

In FY25, RAMP includes the following projects: Power and reliability increase for the Main Power Generator; Core Processing Software which replaces 1st generation fiber optic segments for Common Integrated Processor (CIP) backplane, improving backplane fiber reliability and interoperability; Low Observable (LO) Mighty Tough Boot, which replaces less durable boot material and leads to an estimated 3% increase in aircraft reliability; Very High Frequency (VHF) Antenna which includes an updated antenna design allowing for the retrofit of an updated antenna core, modified spare design, and leading edge. All RAMP retrofit kits have component level improvement metrics and contribute to the overall reliability, availability, maintainability and safety of the F-22.

Kit installations are completed at either the depot or by a contractor field team depending on the complexity of the installation effort and scheduled aircraft downtime opportunities. Quantities are based on an assumed maturity of the solution and are subject to change over time. The average cost per kit varies based on planned retrofit kits in a given year, the complexity of the materials, and labor required to integrate/ install on the fleet.

RAMP Mod funds may be used for mission support costs to include, but not limited to, travel, Information Technology (IT) costs, and other miscellaneous contract support.

**Milestone/Development Status**

Installation of RAMP mods continues for 10 vetted & approved solutions in FY25 - 6 Reliability/1 Availability/3 Maintainability.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A				<b>Modification Number / Title:</b> 1 / Reliability and Maintainability Program			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>					
<b>Secondary Distribution</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	164.137	60.471	78.506	-	78.506	70.574	87.036	81.694	87.168
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.682	8.280	9.529	-	9.529	8.572	9.299	9.937	10.561
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>166.819</b>	<b>68.751</b>	<b>88.035</b>	<b>0.000</b>	<b>88.035</b>	<b>79.146</b>	<b>96.335</b>	<b>91.631</b>	<b>97.729</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F02200 / F-22A					<b>Modification Number / Title:</b> 1 / Reliability and Maintainability Program		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0207138F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1: RAMP Kits</i>												
B Kits												
Recurring												
RAMP Kits:EQUIPMENT Group B (Active)	10,466 / 924.905	1,154 / 24.137	1,928 / 35.384	162 / 51.916	- / -	162 / 51.916	162 / 41.911	162 / 55.592	162 / 47.702	162 / 51.774	- / -	14,358 / 1,233.321
RAMP Kits:EQUIPMENT Group B (Guard)	1,564 / 85.308	198 / 2.682	329 / 3.933	20 / 6.409	- / -	20 / 6.409	20 / 5.174	20 / 5.594	20 / 5.889	20 / 6.392	- / -	2,191 / 121.381
<i>Subtotal: Recurring</i>	- / 1,010.213	- / 26.819	- / 39.317	- / 58.325	- / -	- / 58.325	- / 47.085	- / 61.186	- / 53.591	- / 58.166	- / -	- / 1,354.702
<i>Subtotal: RAMP Kits</i>	- / 1,010.213	- / 26.819	- / 39.317	- / 58.325	- / -	- / 58.325	- / 47.085	- / 61.186	- / 53.591	- / 58.166	- / -	- / 1,354.702
<i>Subtotal: Procurement, All Modification Items</i>	- / 1,010.213	- / 26.819	- / 39.317	- / 58.325	- / -	- / 58.325	- / 47.085	- / 61.186	- / 53.591	- / 58.166	- / -	- / 1,354.702
<b>Support (All Modification Items)</b>												
Change Orders	- / 20.788	- / 140.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 160.788
OTHER GOVT	- / 52.188	- / -	- / -	- / 1.317	- / -	- / 1.317	- / 1.143	- / 1.429	- / 1.209	- / 1.627	- / -	- / 58.913
<i>Subtotal: Support</i>	- / 72.976	- / 140.000	- / -	- / 1.317	- / -	- / 1.317	- / 1.143	- / 1.429	- / 1.209	- / 1.627	- / -	- / 219.701
<b>Installation</b>												
<i>Modification Item 1 of 1: RAMP Kits</i>	12,030 / 681.212	1,352 / 0.000	2,257 / 29.434	182 / 28.393	- / -	182 / 28.393	182 / 30.918	182 / 33.720	182 / 36.831	182 / 37.936	- / -	16,549 / 878.444
<i>Subtotal: Installation</i>	12,030 / 681.212	1,352 / -	2,257 / 29.434	182 / 28.393	- / -	182 / 28.393	182 / 30.918	182 / 33.720	182 / 36.831	182 / 37.936	- / -	16,549 / 878.444
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>1,764.401</b>	<b>166.819</b>	<b>68.751</b>	<b>88.035</b>	<b>0.000</b>	<b>88.035</b>	<b>79.146</b>	<b>96.335</b>	<b>91.631</b>	<b>97.729</b>	<b>-</b>	<b>2,452.847</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 1 / Reliability and Maintainability Program

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** RAMP Kits

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Hill AFB
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 0

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029
Delivery Dates	Jan 2023	Jan 2024	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2,404 / 119.913	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,404 / 119.913
FY 2023	- / -	431 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	431 / 0.000
FY 2024	- / -	- / -	728 / 9.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	728 / 9.235
FY 2025	- / -	- / -	- / -	119 / 18.594	- / -	119 / 18.594	- / -	- / -	- / -	- / -	- / -	119 / 18.594
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	123 / 20.826	- / -	- / -	- / -	- / -	123 / 20.826
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	126 / 23.325	- / -	- / -	- / -	126 / 23.325
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	129 / 26.124	- / -	- / -	129 / 26.124
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	129 / 26.908	- / -	129 / 26.908
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2,404 / 119.913	431 / 0.000	728 / 9.235	119 / 18.594	- / -	119 / 18.594	123 / 20.826	126 / 23.325	129 / 26.124	129 / 26.908	- / -	4,189 / 244.925

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2,404	108	108	108	107	182	182	182	182	29	30	30	30	30	31	31	31	31	31	32	32	32	32	32	33	32	32	32	33	0	4,189
Out	2,404	108	108	108	107	182	182	182	182	29	30	30	30	30	31	31	31	31	31	32	32	32	32	32	33	32	32	32	33	0	4,189

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	9,626 / 561.299	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,626 / 561.299

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 1 / Reliability and Maintainability Program
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** RAMP Kits

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	921 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	921 / 0.000
FY 2024	- / -	- / -	1,529 / 20.199	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,529 / 20.199
FY 2025	- / -	- / -	- / -	63 / 9.799	- / -	63 / 9.799	- / -	- / -	- / -	- / -	- / -	63 / 9.799
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	59 / 10.092	- / -	- / -	- / -	- / -	59 / 10.092
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 10.395	- / -	- / -	- / -	56 / 10.395
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 10.707	- / -	- / -	53 / 10.707
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 11.028	- / -	53 / 11.028
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	9,626 / 561.299	921 / 0.000	1,529 / 20.199	63 / 9.799	- / -	63 / 9.799	59 / 10.092	56 / 10.395	53 / 10.707	53 / 11.028	- / -	12,360 / 633.519

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	9,626	230	230	230	231	382	382	382	383	15	16	16	16	14	15	15	15	14	14	14	14	13	13	13	14	13	13	13	14	0	12,360
Out	9,626	230	230	230	231	382	382	382	383	15	16	16	16	14	15	15	15	14	14	14	14	13	13	13	14	13	13	13	14	0	12,360

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 2 / Link 16

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	247.632	15.631	39.223	38.352	0.000	38.352	30.579	5.789	0.846	0.847	0.570	379.469
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	-	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	247.632	15.631	39.223	38.352	0.000	38.352	30.579	5.789	0.846	0.847	0.570	379.469
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	-	0.000
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>247.632</b>	<b>15.631</b>	<b>39.223</b>	<b>38.352</b>	<b>0.000</b>	<b>38.352</b>	<b>30.579</b>	<b>5.789</b>	<b>0.846</b>	<b>0.847</b>	<b>0.570</b>	<b>379.469</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Link 16 (L16) modification will procure and install firmware upgrades, Special Test Equipment (STE) and associated repair material, licenses, crypto keys, and other hardware necessary to field L16 Transmit / Receive capability on the F-22 Raptor via the Multi-functional Information Distribution Service Joint Tactical Radio System (MIDS/JTRS). The legacy L16 receive capabilities will be re-hosted to the MIDS/JTRS enabled by Open System Architecture (OSA). In addition, procurement of L-band antennas, firmware upgrades, and other supporting hardware are required to enable L16 capabilities.

The procurement of Low Latency Signal Processor (LLSP) Firmware upgrades begins Q3/FY24 for the Combat Air Force (CAF) jets, with installation beginning in Q3/FY25 and will continue through Q1/FY31. These upgrade activities include repair materials, STE testing, and support to address diminishing manufacturing sources issues. Without these activities, the J-Voice functionality will be non-operational. Production contract for Lots 1 through 7 will be awarded under Lockheed Martin Aeronautics (LMA) with Northrop Grumman Corporation (NGC) as the manufacturer.

The procurement of the Multi-Level Security (MLS) Switch Firmware upgrade begins Q4/FY27 for the CAF jets with installation beginning in Q3/FY28 and will continue through Q3/FY30. The Production contract for Lots 1 through 4 will be awarded under LMA with General Dynamics as the manufacturer.

The purchase of OSA equipment and supporting infrastructure is critical to supporting dependent small projects to include hardware that enables the Government Reference Architecture Compute Environment (GRACE) effort.

Release 1 L16 installations began in Q1 FY22 and will continue through Q1 FY28. This hardware delivery includes mission support requirements and other government costs to include, but are not limited to, support equipment, training devices, specialized test equipment, and long-lead assets. Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

Installation for L16 and MIDS/JTRS items occurs at the same time so installation costs are combined in the L16 installation cost line.

**Milestone/Development Status**

The LLSP Firmware development and installation of the Test jets are on-going, estimated time of completion is Q3/FY24. The development and installation of the MLS Switch Firmware for the Test jets are estimated to complete by Q2/FY27.

Release 1 MIDS/JTRS production contracts for Lot 1, Lot 2 and Lot 3 have been awarded via the Navy MIDS JTRS program office, with the final Lot 4 planned to award in Q3 FY24. Hardware delivery and installation began on combat aircraft in Q1 FY22 and will continue through FY27 when the last of the 142 aircraft receive hardware modifications.

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 2 / Link 16
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	15.631	33.048	34.214	-	34.214	30.533	2.600	0.686	0.685
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	6.175	4.138	-	4.138	0.046	3.189	0.160	0.162
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>15.631</b>	<b>39.223</b>	<b>38.352</b>	<b>0.000</b>	<b>38.352</b>	<b>30.579</b>	<b>5.789</b>	<b>0.846</b>	<b>0.847</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F02200 / F-22A					<b>Modification Number / Title:</b> 2 / Link 16			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207138F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 4: LLSP Firmware Upgrade</b>													
B Kits													
Recurring													
LLSP Firmware Upgrade:EQUIPMENT Group B (Active)	- / -	- / -	8 / 0.404	20 / 0.462	- / -	20 / 0.462	20 / 0.466	20 / 0.470	17 / 0.404	17 / 0.403	13 / 0.250	115 / 2.859	
LLSP Firmware Upgrade:EQUIPMENT Group B (Guard)	- / -	- / -	2 / 0.101	2 / 0.046	- / -	2 / 0.046	2 / 0.046	2 / 0.048	5 / 0.118	5 / 0.120	9 / 0.173	27 / 0.652	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 0.505	- / 0.508	- / -	- / 0.508	- / 0.512	- / 0.518	- / 0.522	- / 0.523	- / 0.423	- / 3.511	
<b>Subtotal: LLSP Firmware Upgrade</b>	- / -	- / -	- / 0.505	- / 0.508	- / -	- / 0.508	- / 0.512	- / 0.518	- / 0.522	- / 0.523	- / 0.423	- / 3.511	
<b>Modification Item 2 of 4: MIDS/JTRS</b>													
B Kits													
Recurring													
MIDS/JTRS:EQUIPMENT Group B (Active)	115 / 77.398	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	115 / 77.398	
MIDS/JTRS:EQUIPMENT Group B (Guard)	12 / 7.581	- / -	9 / 6.074	6 / 4.092	- / -	6 / 4.092	- / -	- / -	- / -	- / -	- / -	27 / 17.747	
<b>Subtotal: Recurring</b>	- / 84.979	- / -	- / 6.074	- / 4.092	- / -	- / 4.092	- / -	- / -	- / -	- / -	- / -	- / 95.145	
<b>Subtotal: MIDS/JTRS</b>	- / 84.979	- / -	- / 6.074	- / 4.092	- / -	- / 4.092	- / -	- / -	- / -	- / -	- / -	- / 95.145	
<b>Modification Item 3 of 4: MLS Firmware Upgrade</b>													
B Kits													
Recurring													
MLS Firmware Upgrade:EQUIPMENT Group B (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.210	38 / 0.267	38 / 0.267	9 / 0.063	115 / 0.807	
MLS Firmware Upgrade:EQUIPMENT Group B (Guard)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.021	6 / 0.042	6 / 0.042	12 / 0.084	27 / 0.189	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.231	- / 0.309	- / 0.309	- / 0.147	- / 0.996	
<b>Subtotal: MLS Firmware Upgrade</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.231	- / 0.309	- / 0.309	- / 0.147	- / 0.996	
<b>Modification Item 4 of 4: Release 1 Link 16</b>													
B Kits													
Recurring													
Release 1 Link 16:EQUIPMENT Group B (Active)	115 / 91.262	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	115 / 91.262	
Release 1 Link 16:EQUIPMENT Group B (Guard)	27 / 20.527	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 20.527	
<b>Subtotal: Recurring</b>	- / 111.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 111.789	
<b>Subtotal: Release 1 Link 16</b>	- / 111.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 111.789	
<b>Subtotal: Procurement, All Modification Items</b>	- / 196.768	- / -	- / 6.579	- / 4.600	- / -	- / 4.600	- / 0.512	- / 0.749	- / 0.831	- / 0.832	- / 0.570	- / 211.441	
<b>Support (All Modification Items)</b>													



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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F02200 / F-22A **Modification Number / Title:** 2 / Link 16

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Models of Systems Affected:** F-22 **Modification Type:** Capability Improvement **Related RDT&E PEs:** 0207138F

Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Change Orders	- / 0.000	- / 10.167	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.167
OTHER GOVT	- / 31.249	- / 5.464	- / 3.298	- / 0.872	- / -	- / 0.872	- / 0.828	- / 0.204	- / 0.015	- / 0.015	- / -	- / 41.945
<i>Subtotal: Support</i>	- / 31.249	- / 15.631	- / 3.298	- / 0.872	- / -	- / 0.872	- / 0.828	- / 0.204	- / 0.015	- / 0.015	- / -	- / 52.112
<b>Installation</b>												
<i>Modification Item 2 of 4:</i> MIDS/JTRS	4 / 0.000	21 / 0.000	33 / 0.000	48 / 0.000	- / -	48 / 0.000	21 / 0.000	15 / 0.000	- / -	- / -	- / -	142 / 0.000
<i>Modification Item 4 of 4:</i> Release 1 Link 16	3 / 19.615	15 / 0.000	19 / 29.346	29 / 32.880	- / -	29 / 32.880	40 / 29.239	31 / 4.836	5 / 0.000	- / -	- / -	142 / 115.916
<i>Subtotal: Installation</i>	7 / 19.615	36 / 0.000	52 / 29.346	77 / 32.880	- / -	77 / 32.880	61 / 29.239	46 / 4.836	5 / -	- / -	- / -	284 / 115.916
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>247.632</b>	<b>15.631</b>	<b>39.223</b>	<b>38.352</b>	<b>0.000</b>	<b>38.352</b>	<b>30.579</b>	<b>5.789</b>	<b>0.846</b>	<b>0.847</b>	<b>0.570</b>	<b>379.469</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 2 / Link 16	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 4:</b> LLSP Firmware Upgrade							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrop Grumman				Manufacturer Location: San Diego, CA			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 10			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jun 2024	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates		Apr 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 142		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 2 / Link 16

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 4:** MIDS/JTRS

**Manufacturer Information**

Manufacturer Name: Viasat	Manufacturer Location: Carlsbad, CA
Administrative Leadtime (in Months): 4	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		May 2024	May 2025				
Delivery Dates		May 2025	May 2026				

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	4 / 0.000	21 / 0.000	33 / 0.000	48 / 0.000	- / -	48 / 0.000	21 / 0.000	- / -	- / -	- / -	- / -	127 / 0.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.000	- / -	- / -	- / -	9 / 0.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.000	- / -	- / -	- / -	6 / 0.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 0.000	21 / 0.000	33 / 0.000	48 / 0.000	- / -	48 / 0.000	21 / 0.000	15 / 0.000	- / -	- / -	- / -	142 / 0.000

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	4	5	5	5	6	8	8	8	9	12	12	12	12	5	5	5	6	5	5	5	-	-	-	-	-	-	-	-	-	0	142
Out	4	5	5	5	6	8	8	8	9	12	12	12	12	5	5	5	6	5	5	5	-	-	-	-	-	-	-	-	-	0	142

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 2 / Link 16	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 3 of 4:</b> MLS Firmware Upgrade							
<b>Manufacturer Information</b>							
Manufacturer Name: General Dynamics				Manufacturer Location: Scottsdale, AZ			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 10			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates					Jul 2027	Jul 2028	Jul 2029
Delivery Dates					May 2028	May 2029	May 2030
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 142		

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 2 / Link 16
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 4 of 4:** Release 1 Link 16

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Ft. Worth, TX
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 13

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	3 / 19.615	15 / 0.000	19 / 29.346	29 / 32.880	- / -	29 / 32.880	40 / 29.239	31 / 4.836	5 / 0.000	- / -	- / -	142 / 115.916
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	3 / 19.615	15 / 0.000	19 / 29.346	29 / 32.880	- / -	29 / 32.880	40 / 29.239	31 / 4.836	5 / 0.000	- / -	- / -	142 / 115.916

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	3	4	4	4	4	5	5	5	7	7	7	8	10	10	10	10	8	8	8	7	5	-	-	-	-	-	-	-	0	142
Out	3	3	4	4	4	4	5	5	5	7	7	7	8	10	10	10	10	8	8	8	7	5	-	-	-	-	-	-	-	0	142

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	96.012	58.144	122.531	128.326	0.000	128.326	95.576	43.746	0.000	0.000	-	544.335
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	96.012	58.144	122.531	128.326	0.000	128.326	95.576	43.746	0.000	0.000	-	544.335
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>96.012</b>	<b>58.144</b>	<b>122.531</b>	<b>128.326</b>	<b>0.000</b>	<b>128.326</b>	<b>95.576</b>	<b>43.746</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>544.335</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Mode 5 Identify Friend or Foe (IFF) is a Joint Requirements Oversight Council mandated Blue Force identification capability that improves Raptor survivability and reduces fratricide risk DoD-wide in highly dynamic Joint combat environments. The Mode 5 IFF capabilities bring significantly enhanced combat identification quality and security. Mode 5 IFF Challenge (IFFC) and Reply capabilities will be fielded on all Block 30/35 F-22 aircraft. Mode 5 Reply is being fielded via Multi-Functional Information Distribution System Joint Tactical Radio System (MIDS/JTRS) in the Release 1 modification. Mode 5 Reply began fielding in Q1 FY22 and is projected through FY27. Mode 5 IFFC requires a retrofitted Antenna Electronics Unit (AEU), new cryptographic card, new circuit card assembly modules, and software upgrades. Mode 5 IFFC is projected to begin fielding in Q4 FY26.

Mode 5 Challenge and Reply Mod funds may be used for mission support costs including, but not limited to, travel, Information Technology (IT) costs, and other miscellaneous contract support. Funds may also be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

Quantities for AEU retrofits are different than production kits and are limited by available legacy AEU's to induct without affecting CAF operations, subcomponent materials for the retrofit, and supplier capacity throughout.

Open Systems Architecture Interface (OSIF) module hardware procurement was moved from Sensors Enhancement to Mode 5 IFFC due to anticipated fielding timelines and is needed for enabling those modifications as well as future modernization efforts. The required supporting hardware for Open Systems Architecture Interface (OSIF) was moved from the Sensor Enhancements P-3A to the Mode 5 IFFC P-3A in this budget cycle.

**Milestone/Development Status**

As of end of month December 2023, 13 out of 142 aircraft have been fielded with Mode 5 Reply capability. Mode 5 IFFC stage 3 spectrum certification request was submitted to higher levels in Q3 FY23, with the team continuing to work with FAA on questions and data pertaining to the new configuration. Software development of Mode 5 IFFC capabilities continues with initial software capability focus on Selective Interrogation Features (SIF), Open Systems Architecture Interface (OSIF) integration, and Mode 5 Level 1 features.

Electromagnetic Environmental Effect (EEE) qualification testing of Mode 5 IFFC hardware was delayed and is now projected to complete by Jun 2024. Mode 5 IFFC flight test activities will occur as part of the Release 5 content and are projected to occur from Jan - Dec 2025.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Secondary Distribution</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	48.454	106.993	109.159	-	109.159	79.476	22.741	-
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	9.690	15.538	19.167	-	19.167	16.100	21.005	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>58.144</b>	<b>122.531</b>	<b>128.326</b>	<b>0.000</b>	<b>128.326</b>	<b>95.576</b>	<b>43.746</b>	<b>0.000</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F02200 / F-22A					<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207138F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 3: AEU Retrofit</b>													
B Kits													
Recurring													
AEU Retrofit:EQUIPMENT Group B (Active)	6 / 19.845	3 / 13.568	12 / 13.947	50 / 58.889	- / -	50 / 58.889	40 / 48.132	4 / 6.026	- / -	- / -	- / -	115 / 160.407	
AEU Retrofit:EQUIPMENT Group B (Guard)	2 / 6.615	1 / 4.522	2 / 2.324	8 / 9.422	- / -	8 / 9.422	8 / 9.626	6 / 9.038	- / -	- / -	- / -	27 / 41.547	
<b>Subtotal: Recurring</b>	<b>- / 26.460</b>	<b>- / 18.090</b>	<b>- / 16.271</b>	<b>- / 68.311</b>	<b>- / -</b>	<b>- / 68.311</b>	<b>- / 57.758</b>	<b>- / 15.064</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 201.954</b>	
<b>Subtotal: AEU Retrofit</b>	<b>- / 26.460</b>	<b>- / 18.090</b>	<b>- / 16.271</b>	<b>- / 68.311</b>	<b>- / -</b>	<b>- / 68.311</b>	<b>- / 57.758</b>	<b>- / 15.064</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 201.954</b>	
<b>Modification Item 2 of 3: Mode 5 IFFC/Power Supply</b>													
B Kits													
Recurring													
Mode 5 IFFC/Power Supply:EQUIPMENT Group B (Active)	- / -	4 / 6.747	56 / 92.496	28 / 39.143	- / -	28 / 39.143	18 / 25.581	9 / 13.750	- / -	- / -	- / -	115 / 177.717	
Mode 5 IFFC/Power Supply:EQUIPMENT Group B (Guard)	- / -	2 / 3.373	8 / 13.214	6 / 8.388	- / -	6 / 8.388	4 / 5.685	7 / 10.695	- / -	- / -	- / -	27 / 41.355	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / 10.120</b>	<b>- / 105.710</b>	<b>- / 47.531</b>	<b>- / -</b>	<b>- / 47.531</b>	<b>- / 31.266</b>	<b>- / 24.445</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 219.072</b>	
<b>Subtotal: Mode 5 IFFC/Power Supply</b>	<b>- / -</b>	<b>- / 10.120</b>	<b>- / 105.710</b>	<b>- / 47.531</b>	<b>- / -</b>	<b>- / 47.531</b>	<b>- / 31.266</b>	<b>- / 24.445</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 219.072</b>	
<b>Modification Item 3 of 3: OSIF</b>													
B Kits													
Recurring													
OSIF:EQUIPMENT Group B (Active)	9 / 2.590	28 / 8.375	- / -	50 / 7.538	- / -	50 / 7.538	18 / 3.551	10 / 2.121	- / -	- / -	- / -	115 / 24.175	
OSIF:EQUIPMENT Group B (Guard)	2 / 0.576	6 / 1.795	- / -	9 / 1.357	- / -	9 / 1.357	4 / 0.789	6 / 1.272	- / -	- / -	- / -	27 / 5.789	
<b>Subtotal: Recurring</b>	<b>- / 3.166</b>	<b>- / 10.170</b>	<b>- / -</b>	<b>- / 8.895</b>	<b>- / -</b>	<b>- / 8.895</b>	<b>- / 4.340</b>	<b>- / 3.393</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 29.964</b>	
<b>Subtotal: OSIF</b>	<b>- / 3.166</b>	<b>- / 10.170</b>	<b>- / -</b>	<b>- / 8.895</b>	<b>- / -</b>	<b>- / 8.895</b>	<b>- / 4.340</b>	<b>- / 3.393</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 29.964</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 29.626</b>	<b>- / 38.380</b>	<b>- / 121.981</b>	<b>- / 124.737</b>	<b>- / -</b>	<b>- / 124.737</b>	<b>- / 93.364</b>	<b>- / 42.902</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 450.990</b>	
<b>Support (All Modification Items)</b>													
SUPPORT-EQUIP	- / 58.386	- / 19.764	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 78.150	
Data	- / -	- / -	- / 0.550	- / 1.343	- / -	- / 1.343	- / 0.833	- / 0.423	- / -	- / -	- / -	- / 3.149	
OTHER GOVT	- / 8.000	- / -	- / -	- / 12.246	- / -	- / 12.246	- / 1.379	- / 10.421	- / -	- / -	- / -	- / 12.046	
<b>Subtotal: Support</b>	<b>- / 66.386</b>	<b>- / 19.764</b>	<b>- / 0.550</b>	<b>- / 3.589</b>	<b>- / -</b>	<b>- / 3.589</b>	<b>- / 2.212</b>	<b>- / 0.844</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 93.345</b>	
<b>Installation</b>													
<b>Subtotal: Installation</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> F02200 / F-22A						<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207138F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	96.012	58.144	122.531	128.326	0.000	128.326	95.576	43.746	0.000	0.000	-	544.335

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 3:</b> AEU Retrofit							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrop Grumman				Manufacturer Location: San Diego			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 24			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Oct 2024	Dec 2024	Dec 2025	Dec 2026	Dec 2027		
Delivery Dates	Oct 2026	Dec 2026	Dec 2027	Dec 2028	Dec 2029		
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 142		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 3:</b> Mode 5 IFFC/Power Supply							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth, TX			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 27			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Jun 2024	Oct 2024	Jan 2025	Jan 2026	Jan 2027		
Delivery Dates	Sep 2026	Jan 2027	Apr 2027	Apr 2028	Apr 2029		
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 142	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 3 / Mode 5 Challenge and Reply	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>			
<b>Modification Item 3 of 3:</b> OSIF							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrup Grumman				Manufacturer Location: San Diego, CA			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 27			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Oct 2024		Jan 2025	Jan 2026	Jan 2027		
Delivery Dates	Jan 2027		Apr 2027	Apr 2028	Apr 2029		
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 142		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 4 / Sensor Enhancement

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	80.149	477.840	459.726	456.136	0.000	456.136	447.871	471.874	471.840	398.496	1,154.846	4,418.778
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	80.149	477.840	459.726	456.136	0.000	456.136	447.871	471.874	471.840	398.496	1,154.846	4,418.778
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>80.149</b>	<b>477.840</b>	<b>459.726</b>	<b>456.136</b>	<b>0.000</b>	<b>456.136</b>	<b>447.871</b>	<b>471.874</b>	<b>471.840</b>	<b>398.496</b>	<b>1,154.846</b>	<b>4,418.778</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Sensor Enhancement capability will improve the F-22's sensing and tracking and ensures Air Superiority by preserving the first look, first shot and first kill capabilities of the 142 Block 30/35 F-22 aircraft. The first 71 Sensor Enhancements Group A kits were purchased under F-22's Rapid Fielding Middle Tier Acquisition (MTA) program authority. Remaining Group A kits will be purchased within F-22's Release 1 program. Sensor Enhancements Group B kit procurement (includes the advanced Infrared Search and Track sensor is dependent on a successful Rapid Prototyping demonstration.

Sensor Enhancement Mod funds may be used for mission support costs including, but not limited to, travel, Information Technology (IT) costs, and other miscellaneous contract support. Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion, and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

**Milestone/Development Status**

Concurrent technology development and demonstration efforts continue for Sensor Enhancements. Sensor Enhancements will continue to mature, leading to a planned F-22 flight test demonstration in FY24. A follow-on production decision is scheduled for FY24 after the successful completion of the F-22 flight demonstration. EMD Sensor Enhancement units are expected to begin Developmental Test & Evaluation (DT&E) flight testing in 3QFY25, followed by the start of Operational Test & Evaluation (OT&E) flight testing in 4QFY26.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	477.840	455.717	340.576	-	340.576	334.655	359.466	359.827	314.194
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.000	4.009	115.560	-	115.560	113.216	112.408	112.013	84.302
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>477.840</b>	<b>459.726</b>	<b>456.136</b>	<b>0.000</b>	<b>456.136</b>	<b>447.871</b>	<b>471.874</b>	<b>471.840</b>	<b>398.496</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F02200 / F-22A					<b>Modification Number / Title:</b> 4 / Sensor Enhancement			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207138F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207138F	- / -	- / 154.822	- / 207.890	- / 109.700	- / -	- / 109.700	- / 106.250	- / 10.730	- / -	- / -	- / -	- / 589.392	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Sensor Enhancements</b>													
A Kits													
Recurring													
Sensor Enhancements:INSTALL KITS Group A (Active)	95 / 42.391	- / -	21 / 8.420	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	116 / 50.811	
Sensor Enhancements:INSTALL KITS Group A (Guard)	16 / 7.050	- / -	10 / 4.009	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 11.059	
<b>Subtotal: Recurring</b>	<b>- / 49.441</b>	<b>- / -</b>	<b>- / 12.429</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 61.870</b>	
B Kits													
Recurring													
Sensor Enhancements:EQUIPMENT Group B (Active)	- / -	15 / 477.840	15 / 434.997	11 / 317.790	- / -	11 / 317.790	11 / 311.344	12 / 337.226	12 / 336.037	10 / 281.006	29 / 825.219	115 / 3,321.459	
Sensor Enhancements:EQUIPMENT Group B (Guard)	- / -	- / -	- / -	4 / 115.560	- / -	4 / 115.560	4 / 113.216	4 / 112.408	4 / 112.013	3 / 84.302	8 / 227.647	27 / 765.146	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / 477.840</b>	<b>- / 434.997</b>	<b>- / 433.350</b>	<b>- / -</b>	<b>- / 433.350</b>	<b>- / 424.560</b>	<b>- / 449.634</b>	<b>- / 448.050</b>	<b>- / 365.308</b>	<b>- / 1,052.866</b>	<b>- / 4,086.605</b>	
<b>Subtotal: Sensor Enhancements</b>	<b>- / 49.441</b>	<b>- / 477.840</b>	<b>- / 447.426</b>	<b>- / 433.350</b>	<b>- / -</b>	<b>- / 433.350</b>	<b>- / 424.560</b>	<b>- / 449.634</b>	<b>- / 448.050</b>	<b>- / 365.308</b>	<b>- / 1,052.866</b>	<b>- / 4,148.475</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 49.441</b>	<b>- / 477.840</b>	<b>- / 447.426</b>	<b>- / 433.350</b>	<b>- / -</b>	<b>- / 433.350</b>	<b>- / 424.560</b>	<b>- / 449.634</b>	<b>- / 448.050</b>	<b>- / 365.308</b>	<b>- / 1,052.866</b>	<b>- / 4,148.475</b>	
<b>Support (All Modification Items)</b>													
ICS-Labor	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.710	- / 17.670	- / 25.060	- / 73.480	- / 124.920	
OTHER GOVT	- / 8.056	- / -	- / -	- / 17.536	- / -	- / 17.536	- / 6.811	- / 17.930	- / 6.120	- / 18.128	- / 28.500	- / 73.081	
<b>Subtotal: Support</b>	<b>- / 8.056</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 17.536</b>	<b>- / -</b>	<b>- / 17.536</b>	<b>- / 6.811</b>	<b>- / 16.640</b>	<b>- / 23.790</b>	<b>- / 33.188</b>	<b>- / 101.980</b>	<b>- / 198.001</b>	
<b>Installation</b>													
<b>Modification Item 1 of 1: Sensor Enhancements</b>	<b>0 / 22.652</b>	<b>15 / 0.000</b>	<b>30 / 12.300</b>	<b>33 / 15.250</b>	<b>- / -</b>	<b>33 / 15.250</b>	<b>39 / 16.500</b>	<b>16 / 5.600</b>	<b>9 / 0.000</b>	<b>- / -</b>	<b>- / -</b>	<b>142 / 72.302</b>	
<b>Subtotal: Installation</b>	<b>- / 22.652</b>	<b>15 / -</b>	<b>30 / 12.300</b>	<b>33 / 15.250</b>	<b>- / -</b>	<b>33 / 15.250</b>	<b>39 / 16.500</b>	<b>16 / 5.600</b>	<b>9 / -</b>	<b>- / -</b>	<b>- / -</b>	<b>142 / 72.302</b>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>80.149</b>	<b>477.840</b>	<b>459.726</b>	<b>456.136</b>	<b>0.000</b>	<b>456.136</b>	<b>447.871</b>	<b>471.874</b>	<b>471.840</b>	<b>398.496</b>	<b>1,154.846</b>	<b>4,418.778</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 4 / Sensor Enhancement
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Sensor Enhancements

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Manufacturer Location: Ft. Worth, TX

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 16

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023					
Delivery Dates	Apr 2024	Apr 2025					

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 22.652	15 / 0.000	30 / 12.300	33 / 15.250	- / -	33 / 15.250	39 / 16.500	- / -	- / -	- / -	- / -	117 / 66.702
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 5.600	9 / 0.000	- / -	- / -	25 / 5.600
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	0 / 22.652	15 / 0.000	30 / 12.300	33 / 15.250	- / -	33 / 15.250	39 / 16.500	16 / 5.600	9 / 0.000	- / -	- / -	142 / 72.302

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	3	4	4	4	7	7	8	8	8	8	8	9	9	10	10	10	4	4	4	4	3	3	3	-	-	-	-	-	0	142
Out	0	3	4	4	4	7	7	8	8	8	8	8	9	9	10	10	10	4	4	4	4	3	3	3	-	-	-	-	-	0	142

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 5 / Low Drag Tanks and Pylons
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	60.149	110.119	0.000	110.119	92.577	88.825	74.003	10.819	0.000	436.492
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	0.000	0.000	60.149	110.119	0.000	110.119	92.577	88.825	74.003	10.819	0.000	436.492
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>0.000</b>	<b>60.149</b>	<b>110.119</b>	<b>0.000</b>	<b>110.119</b>	<b>92.577</b>	<b>88.825</b>	<b>74.003</b>	<b>10.819</b>	<b>0.000</b>	<b>436.492</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-22 Low Drag Tanks and Pylons (LDTP) are advanced technological designs providing increased persistence and range while maintaining lethality and survivability. The low drag tanks are intended to minimally increase drag for external tank carriage, facilitate supersonic flight with external tanks and extend the range of the F-22. The pylons are equipped with smart rack pneumatic technology to accurately control ejection performance and maintain minimum drag without stores. This procurement profile will include the procurement and installation of 286 low-drag tanks (LDTs) and 286 low-drag pylons (LDPs) to support all combat-coded F-22 aircraft with two LDTs and LDPs per aircraft.

Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

There is a variant in the total number of tanks and pylons per FY throughout the FYDP due to manufacturing timelines/capacity of each end item.

**Milestone/Development Status**

The LDTP program will finalize technology maturation and conduct risk reduction tasks including the procurement of test pylons, evaluation of designs for improvement, completion of a manufacturing readiness assessment, and analysis to support the development and execution of initial flight test up to 0.95Mach. The program will continue EMD to include the procurement of LDTP assets, as well as support equipment, evaluation of designs for improvement, flight test execution for threshold envelope (1.2Mach), and LDTP qualification and certification. The analysis, flight test and non-recurring engineering activities will ensure the program's transition to production to support required asset available (RAA) fielding with threshold capabilities.

Developmental Test and Evaluation (DT&E) - wind tunnel testing, flight test planning and analysis, and ground testing completed in FY23. Flight testing targeted to begin in Q2FY24. Critical Design Review scheduled for Q2FY24. Production UCA authorization for RAA assets Q3FY24. Operational Test (OT) start Q4FY25. DT&E/OT completion Q2FY26. RAA deliveries targeted for Q2 FY26.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	55.137	96.577	-	96.577	79.186	71.789	68.571
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	5.012	13.542	-	13.542	13.391	17.036	5.432
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 5 / Low Drag Tanks and Pylons
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	0.000	60.149	110.119	0.000	110.119	92.577	88.825	74.003	10.819

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F02200 / F-22A					<b>Modification Number / Title:</b> 5 / Low Drag Tanks and Pylons			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207138F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207138F	- / -	- / 47.661	- / 34.240	- / 23.200	- / -	- / 23.200	- / 17.100	- / -	- / -	- / -	- / -	- / 122.201	
<b>Procurement</b>													
<b>Modification Item 1 of 2: Pylons</b>													
B Kits													
Recurring													
Pylons:EQUIPMENT Group B (Active)	- / -	- / -	22 / 38.728	59 / 68.351	- / -	59 / 68.351	57 / 56.194	55 / 52.491	53 / 50.154	- / -	- / -	246 / 265.918	
Pylons:EQUIPMENT Group B (Guard)	- / -	- / -	2 / 3.521	10 / 11.585	- / -	10 / 11.585	12 / 11.830	14 / 13.362	2 / 1.893	- / -	- / -	40 / 42.191	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 42.249	- / 79.936	- / -	- / 79.936	- / 68.024	- / 65.853	- / 52.047	- / -	- / -	- / 308.109	
<b>Subtotal: Pylons</b>	- / -	- / -	- / 42.249	- / 79.936	- / -	- / 79.936	- / 68.024	- / 65.853	- / 52.047	- / -	- / -	- / 308.109	
<b>Modification Item 2 of 2: Tanks</b>													
B Kits													
Recurring													
Tanks:EQUIPMENT Group B (Active)	- / -	- / -	22 / 16.409	54 / 26.426	- / -	54 / 26.426	55 / 21.461	48 / 17.634	49 / 17.339	18 / 6.749	- / -	246 / 106.018	
Tanks:EQUIPMENT Group B (Guard)	- / -	- / -	2 / 1.491	4 / 1.957	- / -	4 / 1.957	4 / 1.561	10 / 3.674	10 / 3.539	10 / 3.750	- / -	40 / 15.972	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 17.900	- / 28.383	- / -	- / 28.383	- / 23.022	- / 21.308	- / 20.878	- / 10.499	- / -	- / 121.990	
<b>Subtotal: Tanks</b>	- / -	- / -	- / 17.900	- / 28.383	- / -	- / 28.383	- / 23.022	- / 21.308	- / 20.878	- / 10.499	- / -	- / 121.990	
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / -	- / 60.149	- / 108.319	- / -	- / 108.319	- / 91.046	- / 87.161	- / 72.925	- / 10.499	- / -	- / 430.099	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / -	- / -	- / -	- / 1.800	- / -	- / 1.800	- / 1.531	- / 1.664	- / 1.078	- / 0.320	- / -	- / 6.393	
<b>Subtotal: Support</b>	- / -	- / -	- / -	- / 1.800	- / -	- / 1.800	- / 1.531	- / 1.664	- / 1.078	- / 0.320	- / -	- / 6.393	
<b>Installation</b>													
<b>Subtotal: Installation</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>0.000</b>	<b>60.149</b>	<b>110.119</b>	<b>0.000</b>	<b>110.119</b>	<b>92.577</b>	<b>88.825</b>	<b>74.003</b>	<b>10.819</b>	<b>0.000</b>	<b>436.492</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 5 / Low Drag Tanks and Pylons	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> Pylons							
<b>Manufacturer Information</b>							
Manufacturer Name: Marvin Engineering				Manufacturer Location: California			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 18			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jul 2024	Jul 2025	Jul 2026	Jul 2027	Jul 2028	
Delivery Dates		Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 286		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F02200 / F-22A			<b>Modification Number / Title:</b> 5 / Low Drag Tanks and Pylons	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> Tanks							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jul 2024	Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029
Delivery Dates		Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 286		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 6 / Controlled Reception Pattern Antenna (CRPA)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	30.796	36.443	0.000	36.443	78.343	81.758	32.190	31.371	0.000	290.901
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	30.796	36.443	0.000	36.443	78.343	81.758	32.190	31.371	0.000	290.901
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>0.000</b>	<b>30.796</b>	<b>36.443</b>	<b>0.000</b>	<b>36.443</b>	<b>78.343</b>	<b>81.758</b>	<b>32.190</b>	<b>31.371</b>	<b>0.000</b>	<b>290.901</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Controlled Reception Pattern Antenna (CRPA) modification line consists of the procurement, and installation of hardware, software, and support equipment necessary to ensure the F-22's ability to maintain Position, Navigation and Timing (PNT) capabilities in GPS-degraded environments. This effort will field the CRPA IAW CDGM 09-22-03 for Resilient PNT. Retrofits will be accomplished incrementally on all Block 30/35 F-22 Raptors, for a total of 142 CRPA retrofit kits. 27 of those kits will be installed on F-22s flown by the Air Force National Guard.

Funds may be used to resolve emerging safety of flight and diminishing manufacturing sources issues, accommodate technology insertion, and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

**Milestone/Development Status**

CRPA's enabling SW package achieved Fleet Release in Sep 2023. The remainder of CRPA's SW capabilities will be tested and fielded in two releases, the first achieving FDR by Mar 2026 and the second by Mar 2027.

In FY24, CRPA's HW will complete flight test in preparation for Fleet Release in Feb 2025, and Production Readiness Review (PRR) & Milestone C decision NLT Jun 2024. Due to long acquisition lead times, F-22 procurement is planned using an Undefinitized Contract Action (UCA) in Jun 2024 with definitization to follow by Aug 2025.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	23.915	28.074	-	28.074	64.108	67.512	26.747	26.526
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	6.881	8.369	-	8.369	14.235	14.246	5.443	4.845
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>0.000</b>	<b>30.796</b>	<b>36.443</b>	<b>0.000</b>	<b>36.443</b>	<b>78.343</b>	<b>81.758</b>	<b>32.190</b>	<b>31.371</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F02200 / F-22A					<b>Modification Number / Title:</b> 6 / Controlled Reception Pattern Antenna (CRPA)				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>							
<b>Models of Systems Affected:</b> F-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207138F						
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>RDT&amp;E PE #</b>														
0207138F	- / -	- / -	- / 31.340	- / 25.350	- / -	- / 25.350	- / 1.410	- / -	- / -	- / -	- / -	- / 58.100		
<b>Procurement</b>														
<b>Modification Item 1 of 1: CRPA Equipment</b>														
A Kits														
Recurring														
CRPA Equipment:INSTALL KITS Group A (Active)	- / -	- / -	21 / 5.088	23 / 5.915	- / -	23 / 5.915	34 / 10.122	37 / 11.105	- / -	- / -	- / -	115 / 32.230		
CRPA Equipment:INSTALL KITS Group A (Guard)	- / -	- / -	6 / 1.464	7 / 1.800	- / -	7 / 1.800	7 / 2.084	7 / 2.101	- / -	- / -	- / -	27 / 7.449		
<b>Subtotal: Recurring</b>	- / -	- / -	- / 6.552	- / 7.715	- / -	- / 7.715	- / 12.206	- / 13.206	- / -	- / -	- / -	- / 39.679		
B Kits														
Recurring														
CRPA Equipment:EQUIPMENT Group B (Active)	- / -	- / -	21 / 18.827	23 / 21.583	- / -	23 / 21.583	34 / 36.931	37 / 40.522	- / -	- / -	- / -	115 / 117.863		
CRPA Equipment:EQUIPMENT Group B (Guard)	- / -	- / -	6 / 5.417	7 / 6.569	- / -	7 / 6.569	7 / 7.603	7 / 7.665	- / -	- / -	- / -	27 / 27.254		
<b>Subtotal: Recurring</b>	- / -	- / -	- / 24.244	- / 28.152	- / -	- / 28.152	- / 44.534	- / 48.187	- / -	- / -	- / -	- / 145.117		
<b>Subtotal: CRPA Equipment</b>	- / -	- / -	- / 30.796	- / 35.867	- / -	- / 35.867	- / 56.740	- / 61.393	- / -	- / -	- / -	- / 184.796		
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / -	- / 30.796	- / 35.867	- / -	- / 35.867	- / 56.740	- / 61.393	- / -	- / -	- / -	- / 184.796		
<b>Support (All Modification Items)</b>														
OTHER GOVT	- / -	- / -	- / -	- / 0.576	- / -	- / 0.576	- / 1.140	- / 1.168	- / 0.311	- / 0.920	- / -	- / 4.115		
<b>Subtotal: Support</b>	- / -	- / -	- / -	- / 0.576	- / -	- / 0.576	- / 1.140	- / 1.168	- / 0.311	- / 0.920	- / -	- / 4.115		
<b>Installation</b>														
<b>Modification Item 1 of 1: CRPA Equipment</b>	- / -	- / -	- / -	- / -	- / -	- / -	6 / 20.463	28 / 19.197	32 / 31.879	44 / 30.451	32 / 0.000	142 / 101.990		
<b>Subtotal: Installation</b>	- / -	- / -	- / -	- / -	- / -	- / -	6 / 20.463	28 / 19.197	32 / 31.879	44 / 30.451	32 / -	142 / 101.990		
<b>Total</b>														
<b>Total Cost (Procurement + Support + Installation)</b>	-	0.000	30.796	36.443	0.000	36.443	78.343	81.758	32.190	31.371	0.000	290.901		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 6 / Controlled Reception Pattern Antenna (CRPA)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** CRPA Equipment

**Manufacturer Information**

Manufacturer Name: Ball Aerospace	Manufacturer Location: Westminster, CO
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Jun 2024	Jun 2025	Jun 2026	Jun 2027		
Delivery Dates		Jun 2026	Jun 2027	Jun 2028	Jun 2029		

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	5 / 17.431	18 / 0.000	- / -	- / -	- / -	23 / 17.431
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 15.998	19 / 0.000	- / -	- / -	25 / 15.998
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 27.214	27 / 0.000	- / -	35 / 27.214
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 25.606	27 / 0.000	37 / 25.606
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	5 / 17.431	24 / 15.998	27 / 27.214	37 / 25.606	27 / 0.000	120 / 86.249

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	7	6	6	6	7	8	9	9	9	10	27	120
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	7	6	6	6	7	8	9	9	9	10	27	120

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F02200 / F-22A	<b>Modification Number / Title:</b> 6 / Controlled Reception Pattern Antenna (CRPA)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** CRPA Equipment

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.032	3 / 0.000	- / -	- / -	- / -	4 / 3.032
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.199	4 / 0.000	- / -	- / -	5 / 3.199
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.665	5 / 0.000	- / -	6 / 4.665
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.845	5 / 0.000	7 / 4.845
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	1 / 3.032	4 / 3.199	5 / 4.665	7 / 4.845	5 / 0.000	22 / 15.741

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	2	1	1	2	2	2	5	22
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	2	1	1	2	2	2	5	22



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0207142F	<b>Other Related Program Elements:</b> 0604840F
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**Line Item MDAP/MAIS Code:** 198

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,680.247	333.096	451.798	549.657	-	549.657	557.906	555.554	567.105	578.374	1,713.135	6,986.872
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,680.247	333.096	451.798	549.657	-	549.657	557.906	555.554	567.105	578.374	1,713.135	6,986.872
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,680.247</b>	<b>333.096</b>	<b>451.798</b>	<b>549.657</b>	<b>-</b>	<b>549.657</b>	<b>557.906</b>	<b>555.554</b>	<b>567.105</b>	<b>578.374</b>	<b>1,713.135</b>	<b>6,986.872</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-35 Joint Strike Fighter (JSF) Program will develop and deploy a family of highly common, affordable, next generation, stealthy, multi-role strike fighters that meet the needs of multiple services and countries. The United States Air Force F-35A Conventional Take Off and Landing (CTOL) line item funds modifications and retrofits to the F-35A aircraft and integrated air systems. The overall effort provides correction of deficiencies, near and long-term improvements to the fleet, focusing on documented deficiencies related to safety, maintainability, and aircraft systems. These modifications and selected component changes are accomplished by field and depot retrofit.

Block upgrades provide more robust performance in navigation, weapons, avionics, survivability, maneuverability, maintainability, and mission deployment of the F-35A platform. This modification program will bring early production aircraft and integrated systems to a common fleet configuration as fielded capabilities evolve over the course of the F-35 program.

In order to meet emerging deficiencies, the airframe and integrated systems must be modified as critical corrections/changes are identified. Funds will be used to manage, prepare, process, and incorporate changes to sustain and improve F-35A system operations. The Structural Life Limit Parts (SLLP) Program is the preponderance of the correction of deficiencies effort. The Structural Life Limit Parts Program Group 2 (SLLP2) will remove life limits below 4,000 hours. The Engineering Change Proposals (ECP) necessary to extend the life of the aircraft to 8,000 hours is known as SLLP3. In 2025, the Program will procure and install SLLP2 modifications while continuing to mature engineering for SLLP3 ECPs and progressing to material purchases in future years. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

**DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES**

Technology refresh (TR-3) kit procurements will continue in FY2025 for F-35A aircraft. The F-35 Program will simultaneously be procuring 42Px Kit A and 42Px Kit B retrofits in order to deliver baseline Block 4 capabilities to fleet aircraft.

The FY2025 funding request was reduced by \$6.951 million to account for the availability of prior year execution balances.

**Note:**

(1) United States Air Force (USAF) Initial Operational Capability (IOC) occurred on 2 August 2016 and the Full Rate Production (FRP) decision is scheduled for March 2024.

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
F03500 / F-35 Modifications

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207142F **Other Related Program Elements:** 0604840F

**Line Item MDAP/MAIS Code:** 198

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	1 / Block 3i LRIP 2-5 Upgrade (Capability Improvement)		B		- / 216.806	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	2 / Block 3F LRIP 2-5 Upgrade (Capability Improvement)		B		- / 9.591	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	3 / Block 3F LRIP 6-8 Upgrade (Capability Improvement)		B		- / 2.856	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	4 / Concurrency (Other)		B		- / 906.444	- / 1.000	- / 16.950	- / 13.630	- / 0.000	- / 13.630
P-3a	5 / Correction of Deficiencies (Other)		B		- / 308.510	- / 98.112	- / 125.999	- / 120.392	- / 0.000	- / 120.392
P-3a	6 / Block 4 Modifications (Capability Improvement)		B		- / 227.740	- / 220.584	- / 287.607	- / 398.416	- / 0.000	- / 398.416
P-3a	7 / Propulsion (Other)		B		- / 6.200	- / 11.000	- / 12.434	- / 12.523	- / 0.000	- / 12.523
P-3a	8 / Reliability and Maintainability (Reliability & Maintainability)		B		- / 2.100	- / 2.400	- / 8.808	- / 4.696	- / 0.000	- / 4.696
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 1,680.247</b>	<b>- / 333.096</b>	<b>- / 451.798</b>	<b>- / 549.657</b>	<b>- / -</b>	<b>- / 549.657</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	1 / Block 3i LRIP 2-5 Upgrade (Capability Improvement)		B		- / 0.000	- / -	- / -	- / -	- / -	- / 216.806
P-3a	2 / Block 3F LRIP 2-5 Upgrade (Capability Improvement)		B		- / 0.000	- / -	- / -	- / -	- / -	- / 9.591
P-3a	3 / Block 3F LRIP 6-8 Upgrade (Capability Improvement)		B		- / 0.000	- / -	- / -	- / -	- / -	- / 2.856
P-3a	4 / Concurrency (Other)		B		- / 13.050	- / 0.000	- / -	- / -	- / -	- / 951.074
P-3a	5 / Correction of Deficiencies (Other)		B		- / 142.553	- / 168.358	- / 172.926	- / 103.582	- / 193.547	- / 1,433.979
P-3a	6 / Block 4 Modifications (Capability Improvement)		B		- / 384.098	- / 381.713	- / 388.583	- / 469.085	- / 1,519.030	- / 4,276.856
P-3a	7 / Propulsion (Other)		B		- / 12.483	- / 3.545	- / 3.618	- / 3.691	- / 0.000	- / 65.494
P-3a	8 / Reliability and Maintainability (Reliability & Maintainability)		B		- / 5.722	- / 1.938	- / 1.978	- / 2.016	- / 0.558	- / 30.216
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 557.906</b>	<b>- / 555.554</b>	<b>- / 567.105</b>	<b>- / 578.374</b>	<b>- / 1,713.135</b>	<b>- / 6,986.872</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

Basis for FY2025 budget request is to continue to fund the F-35A Total Active Inventory of 487 aircraft. Based on production of Lots 2-16 aircrafts, FY2025 funding increased for kits and installs to support continued growth of modification efforts to correct aircraft deficiencies, achieve a Block 4 configuration on fleet aircraft, and improve the reliability and maintainability of F-35A aircraft.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 1 / Block 3i LRIP 2-5 Upgrade
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	216.806	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	216.806
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	216.806	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	216.806
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>216.806</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	-	-	<b>216.806</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The block upgrade program retrofits United States Air Force F-35A aircraft and integrated systems procured under the LRIP contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration.

These modifications focus on upgrading Blocks 1B, 2A, and 2B aircraft from LRIPs 2-5 to a Block 3i configuration. Block 3i is a stepping stone to the Block 3F configuration. It includes the procurement of hardware for the current Block 3i configuration. The parts include new radar modules, new Integrated Core Processor (ICP) modules and rack, and new Electronic Warfare (EW) modules. The Gen III Helmet will also be introduced as part of the Block 3i upgrade. This effort includes tooling and test equipment for Military Service Depots to support the execution of the Block Upgrade program.

Milestone/Development Status

Not Applicable - No funding requested

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 1 / Block 3i LRIP 2-5 Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Block 3i</i>													
B Kits													
Recurring													
Block 3i:EQUIPMENT Group B (Active)	46 / 158.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 158.409	
<i>Subtotal: Recurring</i>	- / 158.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 158.409	
<i>Subtotal: Block 3i</i>	- / 158.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 158.409	
<i>Subtotal: Procurement, All Modification Items</i>	- / 158.409	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 158.409	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	
SIM/TRAINER	24 / 12.984	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 12.984	
Mod of Spares	- / 130.027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 130.027	
<i>Subtotal: Support</i>	24 / 43.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 43.011	
<b>Installation</b>													
<i>Modification Item 1 of 1: Block 3i</i>	46 / 15.386	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 15.386	
<i>Subtotal: Installation</i>	46 / 15.386	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 15.386	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>216.806</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>216.806</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 1 / Block 3i LRIP 2-5 Upgrade
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Block 3i

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth
Administrative Leadtime (in Months): 10	Production Leadtime (in Months): 27

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	46 / 15.386	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 15.386
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	46 / 15.386	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 15.386

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	46
Out	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	46

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 2 / Block 3F LRIP 2-5 Upgrade

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	9.591	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	9.591
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	9.591	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	9.591
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>9.591</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	-	-	<b>9.591</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The block upgrade program retrofits United States Air Force F-35A aircraft and integrated systems procured under the LRIP contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration.

This effort (MN-F3514) focuses on the Block 3F configuration upgrade effort for 46 LRIP 2-5 aircraft and integrated systems. All of the LRIP 2-5 F-35A aircraft receiving the Block 3F software under this modification will have already received the Block 3i hardware under MNF3513. This effort purchases all necessary software and installation labor to ensure LRIP 2-5 F-35A aircraft are upgraded to a Block 3F baseline for full warfighting capability.

Milestone/Development Status

Not Applicable - No funding requested

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 2 / Block 3F LRIP 2-5 Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Block 3F													
B Kits													
Recurring													
Block 3F:EQUIPMENT Group B (Active)	46 / 9.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 9.587	
<i>Subtotal: Recurring</i>	- / 9.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.587	
<i>Subtotal: Block 3F</i>	- / 9.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.587	
<i>Subtotal: Procurement, All Modification Items</i>	- / 9.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.587	
<b>Support (All Modification Items)</b>													
SIM/TRAINER	4 / 0.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.004	
<i>Subtotal: Support</i>	4 / 0.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.004	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> Block 3F	46 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.000	
<i>Subtotal: Installation</i>	46 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.000	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>9.591</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9.591</b>	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F03500 / F-35 Modifications **Modification Number / Title:** 2 / Block 3F LRIP 2-5 Upgrade

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Block 3F

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Manufacturer Location: Fort Worth

Administrative Leadtime (in Months): 10 Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	46 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	46 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.000

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	46
Out	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	46



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 3 / Block 3F LRIP 6-8 Upgrade
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	2.856	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	2.856
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	2.856	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	2.856
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>2.856</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	-	-	<b>2.856</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The block upgrade program retrofits United States Air Force F-35A aircraft and integrated systems procured under the LRIP contracts to a final Block 3F configuration. The retrofits to enable the final Block 3F configuration are comprised of hardware and software. The hardware per aircraft includes new radar modules, new Integrated Core Processor modules and rack, and new electronic warfare modules. Aircraft need to be updated to a final Block 3F configuration to avoid cost associated with maintaining multiple configurations of aircraft at operating locations. Some will require multiple modifications to reach the final Block 3F configuration.

These modifications focus on the Block 3F configuration upgrade effort for 56 LRIP 6-8 F-35A aircraft and integrated systems. All of the LRIP 6-8 F-35A aircraft receiving the Block 3F software under this modification will have already received the Block 3i hardware under MN-F3513. This effort purchases all necessary software and installation labor to ensure LRIP 6-8 F-35A aircraft are upgraded to a Block 3F baseline for full warfighting capability.

Milestone/Development Status

Not Applicable - No funding requested

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 3 / Block 3F LRIP 6-8 Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Block 3F (2)													
B Kits													
Recurring													
Block 3F:EQUIPMENT Group B (Active)	56 / 2.856	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 2.856	
<i>Subtotal: Recurring</i>	- / 2.856	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.856	
<i>Subtotal: Block 3F (2)</i>	- / 2.856	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.856	
<i>Subtotal: Procurement, All Modification Items</i>	- / 2.856	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.856	
<b>Support (All Modification Items)</b>													
SUPPORT-EQUIP	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	
<i>Subtotal: Support</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> Block 3F (2)	56 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.000	
<i>Subtotal: Installation</i>	56 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.000	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>2.856</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.856</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 3 / Block 3F LRIP 6-8 Upgrade
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Block 3F (2)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	56 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	56 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.000

**Installation Schedule**

PYS	In	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	56
	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	56

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 4 / Concurrency

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	906.444	1.000	16.950	13.630	0.000	13.630	13.050	0.000	-	-	-	951.074
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	906.444	1.000	16.950	13.630	0.000	13.630	13.050	0.000	-	-	-	951.074
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>906.444</b>	<b>1.000</b>	<b>16.950</b>	<b>13.630</b>	<b>0.000</b>	<b>13.630</b>	<b>13.050</b>	<b>0.000</b>	-	-	-	<b>951.074</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort funds retrofits due to concurrency changes to correct deficiencies tied to the Joint Contract Specification and discovered after formal acceptance (DD-250) of the last aircraft in a given production lot. This includes modifications required to extend aircraft service life currently limited by low-life parts and relieve capability limitations driven by concurrency of production with development.

The concurrency funding line will procure concurrency modifications approved at the Joint Configuration Control Board (JCCB) and prioritized within the Modifications Requirements Planning Document (MRPD). The MRPD is vetted and approved by the Services and Partners every six months to ensure that the list accurately reflects existing requirements as well as emerging issues. Per-kit costs will vary for each modification being implemented, and in some cases, will also vary by aircraft from different LRIP lots to implement an individual modification.

Total cost reflects procurement and installation costs in each fiscal year. Support costs include overall modification program planning, scheduling, and management and support of Military and Service Depots and Depot Field Teams for incorporation of modifications.

FY2021 is the transition from Concurrency to Correction of Deficiencies with the exception of Digital Tuner Insertion Program (DTIP) modification. The DTIP program modifies 148 aircraft consisting of Lots 5-10 to a Lot 11 configuration. Currently Lot 5-10 aircraft are equipped with Digital Radio Frequency Memory, which is not compatible with the Technical Refresh 3 (TR-3) upgrade program as part of Block 4. Lot 11 DTIP is required to transition aircraft to TR-3 and Lot 15 configuration and directly enables the training fleet to be standardized with the combat coded aircraft fleet.

**Milestone/Development Status**

In FY2025, the program will install DTIP along with TR-3 as Lot 5-10 aircraft get their TR-3 upgrades.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 4 / Concurrency			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: Concurrency</i>													
A Kits													
Recurring													
Concurrency:INSTALL KITS Group A (Active)	- / 575.660	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 575.660	
<i>Subtotal: Recurring</i>	- / 575.660	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 575.660	
<i>Subtotal: Concurrency</i>	- / 575.660	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 575.660	
<i>Modification Item 2 of 2: Digital Tuner Insertion Program (DTIP)</i>													
A Kits													
Recurring													
Digital Tuner Insertion Program (DTIP):INSTALL KITS Group A (Active)	147 / 238.854	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 238.854	
<i>Subtotal: Recurring</i>	- / 238.854	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 238.854	
<i>Subtotal: Digital Tuner Insertion Program (DTIP)</i>	- / 238.854	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 238.854	
<i>Subtotal: Procurement, All Modification Items</i>	- / 814.514	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 814.514	
<b>Support (All Modification Items)</b>													
ICS-Labor	- / 171.053	- / 1.000	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 173.053	
OTHER GOVT	- / 20.877	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.877	
<i>Subtotal: Support</i>	- / 91.930	- / 1.000	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 93.930	
<b>Installation</b>													
<i>Modification Item 2 of 2: Digital Tuner Insertion Program (DTIP)</i>	- / -	- / -	55 / 15.950	47 / 13.630	- / -	47 / 13.630	45 / 13.050	- / -	- / -	- / -	- / -	147 / 42.630	
<i>Subtotal: Installation</i>	- / -	- / -	55 / 15.950	47 / 13.630	- / -	47 / 13.630	45 / 13.050	- / -	- / -	- / -	- / -	147 / 42.630	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>906.444</b>	<b>1.000</b>	<b>16.950</b>	<b>13.630</b>	<b>0.000</b>	<b>13.630</b>	<b>13.050</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>951.074</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 4 / Concurrency	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> Concurrency							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 4 / Concurrency
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 2 of 2:** Digital Tuner Insertion Program (DTIP)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Manufacturer Location: Fort Worth

Administrative Leadtime (in Months): 7 Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	55 / 15.950	47 / 13.630	- / -	47 / 13.630	45 / 13.050	- / -	- / -	- / -	- / -	147 / 42.630
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	55 / 15.950	47 / 13.630	- / -	47 / 13.630	45 / 13.050	- / -	- / -	- / -	- / -	147 / 42.630

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	14	14	14	13	12	12	12	11	12	11	11	11	-	-	-	-	-	-	-	-	-	-	-	-	0	147
Out	0	-	-	-	-	-	14	14	14	13	12	12	12	11	12	11	11	11	-	-	-	-	-	-	-	-	-	-	-	0	147

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 5 / Correction of Deficiencies

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	308.510	98.112	125.999	120.392	0.000	120.392	142.553	168.358	172.926	103.582	193.547	1,433.979
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	308.510	98.112	125.999	120.392	0.000	120.392	142.553	168.358	172.926	103.582	193.547	1,433.979
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>308.510</b>	<b>98.112</b>	<b>125.999</b>	<b>120.392</b>	<b>0.000</b>	<b>120.392</b>	<b>142.553</b>	<b>168.358</b>	<b>172.926</b>	<b>103.582</b>	<b>193.547</b>	<b>1,433.979</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

F-35 CTOL Correction of Deficiencies provides near and long-term improvements to fielded F-35A jets and focuses on correcting documented deficiencies related to safety, maintainability, life limits, and aircraft systems. Funds are required to manage, prepare, process and incorporate Engineering Change Proposals (ECP) to sustain and improve F-35A system operations. Artisans at the organic depot and contractor field teams perform the installation of these modifications and selected component changes into the Air System. In order to meet emerging deficiencies, the airframe and integrated systems require modifications to resolve the identified deficiencies.

The major thrust under this effort is Structural Life Limited Parts 2 (SLLP2) deficiencies. The SLLP2 program focuses on resolving identified life limits up to 4,000 flight hours. Currently, 24 ECPs make up the F-35A SLLP2 program scope, requiring a retrofit solution to remove the life limit constraint.

Additionally, this effort covers the SLLP2 follow-on program known as SLLP3. SLLP3 is the follow-on effort to resolve life limits from 4,000 to 8,000 hours, enabling the aircraft to meet full life of 8,000 flight hours. The SLLP3 program started Non-Recurring Engineering (NRE) in FY2023, material buys in FY2024 and installations through FY2026.

Teardown of full-scale durability test assets completed in October 2018 with analysis continuing through FY2022. In FY2024, the program established the full scope of modifications for SLLP3. In FY2025, the program will continue NRE to develop the highest priority SLLP3 ECPs. The program expects to identify additional ECP during analysis and through continued fleet operations.

Funding in FY2025 is also required to support Structural Life Limited Mods material, installation labor and associated support costs at Ogden Air Logistics Complex for F-35A inductions. This includes modifications management, depot site support, and depot over and above activities. Over and above tasks consist of supplementary actions necessary to safely return inducted aircraft to flight status prior to completing the modification event.

SLLP material costs differ between the first year and subsequent years due to cost share agreements between the government and the prime contractor.

**Milestone/Development Status**

Ogden Air Logistics complex will expand available docks in 2025, from 19 today to a total of 30 docks. Additionally, engineering will be released for all SLLP2 ECPs by the end of 2024.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 31:</b> 1) Correction of Deficiencies (roll-up & install) [B-kits]													
A Kits													
Recurring													
1) Correction of Deficiencies (roll-up & install) [B-kits]:INSTALL KITS Group A (Active)	90 / 63.404	56 / 12.118	43 / 12.759	35 / 14.844	- / -	35 / 14.844	35 / 14.918	101 / 12.397	- / -	- / -	- / -	360 / 130.440	
<b>Subtotal: Recurring</b>	- / 63.404	- / 12.118	- / 12.759	- / 14.844	- / -	- / 14.844	- / 14.918	- / 12.397	- / -	- / -	- / -	- / 130.440	
<b>Subtotal: 1) Correction of Deficiencies (roll-up &amp; install) [B-kits]</b>	- / 63.404	- / 12.118	- / 12.759	- / 14.844	- / -	- / 14.844	- / 14.918	- / 12.397	- / -	- / -	- / -	- / 130.440	
<b>Modification Item 2 of 31:</b> 1.1) CoD ECP-1383C1 VEHICLE MISSION COMPUTER UPGRADE													
B Kits													
Recurring													
1.1) CoD ECP-1383C1 VEHICLE MISSION COMPUTER UPGRADE:EQUIPMENT Group B (Active)	135 / 1.297	56 / 0.543	43 / 0.425	35 / 0.267	- / -	35 / 0.267	35 / 0.267	101 / 0.948	- / -	- / -	- / -	405 / 3.747	
<b>Subtotal: Recurring</b>	- / 1.297	- / 0.543	- / 0.425	- / 0.267	- / -	- / 0.267	- / 0.267	- / 0.948	- / -	- / -	- / -	- / 3.747	
<b>Subtotal: 1.1) CoD ECP-1383C1 VEHICLE MISSION COMPUTER UPGRADE</b>	- / 1.297	- / 0.543	- / 0.425	- / 0.267	- / -	- / 0.267	- / 0.267	- / 0.948	- / -	- / -	- / -	- / 3.747	
<b>Modification Item 3 of 31:</b> 1.2) CoD ECP-0701 FULLY QUALIFIED F-35A NOSE LANDING GEAR RETROFIT													
B Kits													
Recurring													
1.2) CoD ECP-0701 FULLY QUALIFIED F-35A NOSE LANDING GEAR RETROFIT:EQUIPMENT Group B (Active)	127 / 3.717	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	127 / 3.717	
<b>Subtotal: Recurring</b>	- / 3.717	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.717	
<b>Subtotal: 1.2) CoD ECP-0701 FULLY QUALIFIED F-35A NOSE LANDING GEAR RETROFIT</b>	- / 3.717	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.717	
<b>Modification Item 4 of 31:</b> 1.3) CoD ECP-1008 MOORING RING RETROFIT													
B Kits													
Recurring													
1.3) CoD ECP-1008 MOORING RING RETROFIT:EQUIPMENT Group B (Active)	359 / 9.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	359 / 9.552	

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal: Recurring</i>	- / 9.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.552
<i>Subtotal: 1.3) CoD ECP-1008 MOORING RING RETROFIT</i>	- / 9.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.552
<b>Modification Item 5 of 31:</b> 1.4) CoD ECP-1134 NOSE WHEEL STEERING MOTOR CRACKS												
B Kits												
Recurring												
1.4) CoD ECP-1134 NOSE WHEEL STEERING MOTOR CRACKS: EQUIPMENT Group B (Active)	281 / 7.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	281 / 7.537
<i>Subtotal: Recurring</i>	- / 7.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.537
<i>Subtotal: 1.4) CoD ECP-1134 NOSE WHEEL STEERING MOTOR CRACKS</i>	- / 7.537	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.537
<b>Modification Item 6 of 31:</b> 4) Structural Life Limited Parts 2 (roll-up & install)												
A Kits												
Recurring												
4) Structural Life Limited Parts 2 (roll-up & install): INSTALL KITS Group A (Active)	1,471 / 0.004	421 / 0.001	852 / 0.001	686 / 0.001	- / -	686 / 0.001	646 / 0.001	621 / 0.001	581 / 0.001	211 / 0.001	55 / 0.001	5,544 / 0.012
<i>Subtotal: Recurring</i>	- / 0.004	- / 0.001	- / 0.001	- / 0.001	- / -	- / 0.001	- / 0.001	- / 0.001	- / 0.001	- / 0.001	- / 0.001	- / 0.012
<i>Subtotal: 4) Structural Life Limited Parts 2 (roll-up &amp; install)</i>	- / 0.004	- / 0.001	- / 0.001	- / 0.001	- / -	- / 0.001	- / 0.001	- / 0.001	- / 0.001	- / 0.001	- / 0.001	- / 0.012
<b>Modification Item 7 of 31:</b> COMMON: Correction of Deficiencies: Equipment Group B												
B Kits												
Recurring												
COMMON: Correction of Deficiencies: Equipment Group B: EQUIPMENT Group B (Active)	- / 2.388	- / 0.980	- / 0.980	- / 2.940	- / -	- / 2.940	- / -	- / -	- / -	- / -	- / -	- / 7.288
<i>Subtotal: Recurring</i>	- / 2.388	- / 0.980	- / 0.980	- / 2.940	- / -	- / 2.940	- / -	- / -	- / -	- / -	- / -	- / 7.288
<i>Subtotal: COMMON: Correction of Deficiencies: Equipment Group B</i>	- / 2.388	- / 0.980	- / 0.980	- / 2.940	- / -	- / 2.940	- / -	- / -	- / -	- / -	- / -	- / 7.288
<b>Modification Item 8 of 31:</b> SLLP2 ECP-0335/0335R2 FS503 FRAME												
A Kits												
Recurring												

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
SLLP2 ECP-0335/0335R2 FS503 FRAME:INSTALL KITS Group A (Active)	100 / 1.388	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 1.388	
<i>Subtotal: Recurring</i>	- / 1.388	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.388	
<i>Subtotal: SLLP2 ECP-0335/0335R2 FS503 FRAME</i>	- / 1.388	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.388	
<b>Modification Item 9 of 31:</b> SLLP2 ECP-0428 FS402 RHS FRAME													
A Kits													
Recurring													
SLLP2 ECP-0428 FS402 RHS FRAME:INSTALL KITS Group A (Active)	130 / 0.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 0.052	
<i>Subtotal: Recurring</i>	- / 0.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.052	
<i>Subtotal: SLLP2 ECP-0428 FS402 RHS FRAME</i>	- / 0.052	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.052	
<b>Modification Item 10 of 31:</b> SLLP2 ECP-0525/0525R1/R2 FS402 UPPER FRAME													
A Kits													
Recurring													
SLLP2 ECP-0525/0525R1/R2 FS402 UPPER FRAME:INSTALL KITS Group A (Active)	150 / 0.325	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 0.325	
<i>Subtotal: Recurring</i>	- / 0.325	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.325	
<i>Subtotal: SLLP2 ECP-0525/0525R1/R2 FS402 UPPER FRAME</i>	- / 0.325	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.325	
<b>Modification Item 11 of 31:</b> SLLP2 ECP-0557 CENTER FUSELAGE F2 FLOOR													
A Kits													
Recurring													
SLLP2 ECP-0557 CENTER FUSELAGE F2 FLOOR:INSTALL KITS Group A (Active)	118 / 2.124	39 / 0.702	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	157 / 2.826	
<i>Subtotal: Recurring</i>	- / 2.124	- / 0.702	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.826	
<i>Subtotal: SLLP2 ECP-0557 CENTER FUSELAGE F2 FLOOR</i>	- / 2.124	- / 0.702	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.826	
<b>Modification Item 12 of 31:</b> SLLP2 ECP-0628 BULKHEAD FS450, 472, 518 & 556													
A Kits													
Recurring													

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
SLLP2 ECP-0628 BULKHEAD FS450, 472, 518 & 556:INSTALL KITS Group A (Active)	24 / 2.185	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 2.185	
<i>Subtotal: Recurring</i>	- / 2.185	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.185	
<i>Subtotal: SLLP2 ECP-0628 BULKHEAD FS450, 472, 518 &amp; 556</i>	- / 2.185	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.185	
<b>Modification Item 13 of 31: SLLP2 ECP-0630 FUEL FLOOR FS496-556</b>													
A Kits													
Recurring													
SLLP2 ECP-0630 FUEL FLOOR FS496-556:INSTALL KITS Group A (Active)	34 / 0.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.490	
<i>Subtotal: Recurring</i>	- / 0.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.490	
<i>Subtotal: SLLP2 ECP-0630 FUEL FLOOR FS496-556</i>	- / 0.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.490	
<b>Modification Item 14 of 31: SLLP2 ECP-0698 FS496 BULKHEAD TRUNNION</b>													
A Kits													
Recurring													
SLLP2 ECP-0698 FS496 BULKHEAD TRUNNION:INSTALL KITS Group A (Active)	15 / 0.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.002	
<i>Subtotal: Recurring</i>	- / 0.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.002	
<i>Subtotal: SLLP2 ECP-0698 FS496 BULKHEAD TRUNNION</i>	- / 0.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.002	
<b>Modification Item 15 of 31: SLLP2 ECP-0754/0754R1 FS518 BULKHEAD (LRIP 1-12)</b>													
A Kits													
Recurring													
SLLP2 ECP-0754/0754R1 FS518 BULKHEAD (LRIP 1-12):INSTALL KITS Group A (Active)	200 / 0.332	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	200 / 0.332	
<i>Subtotal: Recurring</i>	- / 0.332	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.332	
<i>Subtotal: SLLP2 ECP-0754/0754R1 FS518 BULKHEAD (LRIP 1-12)</i>	- / 0.332	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.332	
<b>Modification Item 16 of 31: SLLP2 ECP-0847 VT FWD SHEAR FITTING BUSH</b>													
A Kits													
Recurring													

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
SLLP2 ECP-0847 VT FWD SHEAR FITTING BUSH:INSTALL KITS Group A (Active)	265 / 0.737	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	265 / 0.737
<i>Subtotal: Recurring</i>	- / 0.737	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.737
<i>Subtotal: SLLP2 ECP-0847 VT FWD SHEAR FITTING BUSH</i>	- / 0.737	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.737
<b>Modification Item 17 of 31: SLLP2 ECP-1065 F1 FEED TANK UPPER COVERS LIMITED LIFE</b>												
A Kits												
Recurring												
SLLP2 ECP-1065 F1 FEED TANK UPPER COVERS LIMITED LIFE:INSTALL KITS Group A (Active)	168 / 3.024	83 / 1.494	83 / 1.494	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	334 / 6.012
<i>Subtotal: Recurring</i>	- / 3.024	- / 1.494	- / 1.494	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.012
<i>Subtotal: SLLP2 ECP-1065 F1 FEED TANK UPPER COVERS LIMITED LIFE</i>	- / 3.024	- / 1.494	- / 1.494	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.012
<b>Modification Item 18 of 31: SLLP2 ECP-1130 UPPER INLET DUCT LONGERON (Lot 1-12)</b>												
A Kits												
Recurring												
SLLP2 ECP-1130 UPPER INLET DUCT LONGERON (Lot 1-12):INSTALL KITS Group A (Active)	208 / 1.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	208 / 1.353
<i>Subtotal: Recurring</i>	- / 1.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.353
<i>Subtotal: SLLP2 ECP-1130 UPPER INLET DUCT LONGERON (Lot 1-12)</i>	- / 1.353	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.353
<b>Modification Item 19 of 31: SLLP2 ECP-1220 FS402 UPPER OUTBOARD FRAMES</b>												
A Kits												
Recurring												
SLLP2 ECP-1220 FS402 UPPER OUTBOARD FRAMES:INSTALL KITS Group A (Active)	217 / 2.070	80 / 1.440	80 / 1.440	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	377 / 4.950
<i>Subtotal: Recurring</i>	- / 2.070	- / 1.440	- / 1.440	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.950
<i>Subtotal: SLLP2 ECP-1220 FS402 UPPER OUTBOARD FRAMES</i>	- / 2.070	- / 1.440	- / 1.440	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.950
<b>Modification Item 20 of 31: SLLP2 ECP-1246 LHS METALLIC FWD CHINE LONGERON</b>												
A Kits												

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
SLLP2 ECP-1246 LHS METALLIC FWD CHINE LONGERON:INSTALL KITS Group A (Active)	138 / 1.072	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	138 / 1.072	
<i>Subtotal: Recurring</i>	- / 1.072	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.072	
<i>Subtotal: SLLP2 ECP-1246 LHS METALLIC FWD CHINE LONGERON</i>	- / 1.072	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.072	
<b>Modification Item 21 of 31: SLLP2 ECP-1406 GUN BLAST SKIN</b>													
A Kits													
Recurring													
SLLP2 ECP-1406 GUN BLAST SKIN:INSTALL KITS Group A (Active)	35 / 0.875	35 / 0.875	34 / 0.850	34 / 0.850	- / -	34 / 0.850	- / -	- / -	- / -	- / -	- / -	138 / 3.450	
<i>Subtotal: Recurring</i>	- / 0.875	- / 0.875	- / 0.850	- / 0.850	- / -	- / 0.850	- / -	- / -	- / -	- / -	- / -	- / 3.450	
<i>Subtotal: SLLP2 ECP-1406 GUN BLAST SKIN</i>	- / 0.875	- / 0.875	- / 0.850	- / 0.850	- / -	- / 0.850	- / -	- / -	- / -	- / -	- / -	- / 3.450	
<b>Modification Item 22 of 31: SLLP2 ECP-1433 FUEL FLOOR FS472-496 (LH)</b>													
A Kits													
Recurring													
SLLP2 ECP-1433 FUEL FLOOR FS472-496 (LH):INSTALL KITS Group A (Active)	- / -	- / -	92 / 1.656	92 / 1.656	- / -	92 / 1.656	92 / 1.656	92 / 1.620	88 / 1.620	- / -	- / -	456 / 8.208	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.656	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.620	- / 1.620	- / -	- / -	- / 8.208	
<i>Subtotal: SLLP2 ECP-1433 FUEL FLOOR FS472-496 (LH)</i>	- / -	- / -	- / 1.656	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.620	- / 1.620	- / -	- / -	- / 8.208	
<b>Modification Item 23 of 31: SLLP2 ECP-1434 FUEL FLOOR FS472-496 (RH)</b>													
A Kits													
Recurring													
SLLP2 ECP-1434 FUEL FLOOR FS472-496 (RH):INSTALL KITS Group A (Active)	- / -	- / -	92 / 1.656	92 / 1.656	- / -	92 / 1.656	92 / 1.656	92 / 1.620	88 / 1.620	- / -	- / -	456 / 8.208	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.656	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.620	- / 1.620	- / -	- / -	- / 8.208	
<i>Subtotal: SLLP2 ECP-1434 FUEL FLOOR FS472-496 (RH)</i>	- / -	- / -	- / 1.656	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.620	- / 1.620	- / -	- / -	- / 8.208	
<b>Modification Item 24 of 31: SLLP2 ECP-1435 FS450 BULKHEAD</b>													
A Kits													

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
SLLP2 ECP-1435 FS450 BULKHEAD:INSTALL KITS Group A (Active)	- / -	92 / 1.656	92 / 1.656	92 / 1.656	- / -	92 / 1.656	92 / 1.656	90 / 1.620	60 / 1.080	30 / 0.540	- / -	548 / 9.864	
<i>Subtotal: Recurring</i>	- / -	- / 1.656	- / 1.656	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.620	- / 1.080	- / 0.540	- / -	- / 9.864	
<i>Subtotal: SLLP2 ECP-1435 FS450 BULKHEAD</i>	- / -	- / 1.656	- / 1.656	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.620	- / 1.080	- / 0.540	- / -	- / 9.864	
<b>Modification Item 25 of 31:</b> SLLP2 ECP-1441 FS402 UPPER FRAME													
A Kits													
Recurring													
SLLP2 ECP-1441 FS402 UPPER FRAME:INSTALL KITS Group A (Active)	92 / 1.656	92 / 1.116	11 / 1.116	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	195 / 3.888	
<i>Subtotal: Recurring</i>	- / 1.656	- / 1.116	- / 1.116	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.888	
<i>Subtotal: SLLP2 ECP-1441 FS402 UPPER FRAME</i>	- / 1.656	- / 1.116	- / 1.116	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.888	
<b>Modification Item 26 of 31:</b> SLLP2 ECP-1689 FS 383 UPPER INBOARD FRAME													
A Kits													
Recurring													
SLLP2 ECP-1689 FS 383 UPPER INBOARD FRAME:INSTALL KITS Group A (Active)	- / -	- / -	92 / 1.116	20 / 0.360	- / -	20 / 0.360	15 / 0.270	- / -	- / -	- / -	- / -	127 / 1.746	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.116	- / 0.360	- / -	- / 0.360	- / 0.270	- / -	- / -	- / -	- / -	- / 1.746	
<i>Subtotal: SLLP2 ECP-1689 FS 383 UPPER INBOARD FRAME</i>	- / -	- / -	- / 1.116	- / 0.360	- / -	- / 0.360	- / 0.270	- / -	- / -	- / -	- / -	- / 1.746	
<b>Modification Item 27 of 31:</b> SLLP2 ECP-1754 F35A RUDDER EARTH BRACKET													
A Kits													
Recurring													
SLLP2 ECP-1754 F35A RUDDER EARTH BRACKET:INSTALL KITS Group A (Active)	- / -	- / -	92 / 1.116	92 / 1.656	- / -	92 / 1.656	92 / 1.656	92 / 1.656	92 / 1.656	55 / 0.990	- / -	515 / 8.730	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.116	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.656	- / 1.656	- / 0.990	- / -	- / 8.730	
<i>Subtotal: SLLP2 ECP-1754 F35A RUDDER EARTH BRACKET</i>	- / -	- / -	- / 1.116	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.656	- / 1.656	- / 0.990	- / -	- / 8.730	
<b>Modification Item 28 of 31:</b> SLLP2 ECP-1794 - F-35A RUDDER SPAR (2VSH45191/2)													
A Kits													

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
SLLP2 ECP-1794 - F-35A RUDDER SPAR (2VSH45191/2):INSTALL KITS Group A (Active)	- / -	- / -	92 / 1.116	80 / 1.440	- / -	80 / 1.440	78 / 1.404	70 / 1.260	70 / 1.620	70 / 1.620	- / -	460 / 8.460	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 1.116	- / 1.440	- / -	- / 1.440	- / 1.404	- / 1.260	- / 1.620	- / 1.620	- / -	- / 8.460	
<b>Subtotal: SLLP2 ECP-1794 - F-35A RUDDER SPAR (2VSH45191/2)</b>	- / -	- / -	- / 1.116	- / 1.440	- / -	- / 1.440	- / 1.404	- / 1.260	- / 1.620	- / 1.620	- / -	- / 8.460	
<b>Modification Item 29 of 31: SLLP2 ECP-1832 MLG TRUNNION SHEAR WEB FS 472-496 LHS/RHS</b>													
A Kits													
Recurring													
SLLP2 ECP-1832 MLG TRUNNION SHEAR WEB FS 472-496 LHS/RHS:INSTALL KITS Group A (Active)	- / -	- / -	- / -	92 / 1.656	- / -	92 / 1.656	93 / 1.674	93 / 1.674	93 / 1.674	56 / 1.008	55 / 0.990	482 / 8.676	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 1.656	- / -	- / 1.656	- / 1.674	- / 1.674	- / 1.674	- / 1.008	- / 0.990	- / 8.676	
<b>Subtotal: SLLP2 ECP-1832 MLG TRUNNION SHEAR WEB FS 472-496 LHS/RHS</b>	- / -	- / -	- / -	- / 1.656	- / -	- / 1.656	- / 1.674	- / 1.674	- / 1.674	- / 1.008	- / 0.990	- / 8.676	
<b>Modification Item 30 of 31: SLLP2 ECP-XXXX TRESTLE HINGE BEAM DURABILITY TEST CRACK MOD</b>													
A Kits													
Recurring													
SLLP2 ECP-XXXX TRESTLE HINGE BEAM DURABILITY TEST CRACK MOD:INSTALL KITS Group A (Active)	- / -	- / -	92 / 1.116	92 / 1.656	- / -	92 / 1.656	92 / 1.656	92 / 1.656	90 / 1.620	- / -	- / -	458 / 7.704	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 1.116	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.656	- / 1.620	- / -	- / -	- / 7.704	
<b>Subtotal: SLLP2 ECP-XXXX TRESTLE HINGE BEAM DURABILITY TEST CRACK MOD</b>	- / -	- / -	- / 1.116	- / 1.656	- / -	- / 1.656	- / 1.656	- / 1.656	- / 1.620	- / -	- / -	- / 7.704	
<b>Modification Item 31 of 31: SLLP3 ECPs (Roll-up &amp; Install)</b>													
A Kits													
Recurring													
SLLP3 ECPs (Roll-up & Install):INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	270 / 4.860	450 / 8.100	450 / 8.100	540 / 9.720	1,416 / 25.488	3,126 / 56.268	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.860	- / 8.100	- / 8.100	- / 9.720	- / 25.488	- / 56.268	
<b>Subtotal: SLLP3 ECPs (Roll-up &amp; Install)</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.860	- / 8.100	- / 8.100	- / 9.720	- / 25.488	- / 56.268	
<b>Subtotal: Procurement, All Modification Items</b>	- / 105.584	- / 20.925	- / 28.497	- / 30.638	- / -	- / 30.638	- / 31.674	- / 32.552	- / 18.991	- / 13.879	- / 26.479	- / 309.219	



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 5 / Correction of Deficiencies			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 3.685	- / 3.655	- / 3.660	- / 3.613	- / -	- / 3.613	- / 3.810	- / 3.956	- / 4.125	- / 4.481	- / -	- / 30.985	
GROUP B: TOTAL NONRECURRING	- / 9.556	- / 3.652	- / 3.762	- / 2.540	- / -	- / 2.540	- / 2.540	- / 2.616	- / 3.100	- / -	- / -	- / 27.766	
ICS-Labor	- / 82.644	- / 30.747	- / 31.975	- / 31.028	- / -	- / 31.028	- / 31.584	- / 32.254	- / 34.000	- / 9.698	- / -	- / 283.930	
OTHER GOVT	- / 23.280	- / 2.489	- / 2.564	- / 2.564	- / -	- / 2.564	- / 2.640	- / 2.720	- / 3.985	- / -	- / -	- / 40.242	
<i>Subtotal: Support</i>	<i>- / 119.165</i>	<i>- / 40.543</i>	<i>- / 41.961</i>	<i>- / 39.745</i>	<i>- / -</i>	<i>- / 39.745</i>	<i>- / 40.574</i>	<i>- / 41.546</i>	<i>- / 45.210</i>	<i>- / 14.179</i>	<i>- / -</i>	<i>- / 382.923</i>	
<b>Installation</b>													
<b>Modification Item 1 of 31:</b> 1) Correction of Deficiencies (roll-up & install) [B-kits]	45 / 10.207	45 / 13.923	56 / 17.425	43 / 13.276	- / -	43 / 13.276	35 / 13.445	35 / 13.635	101 / 21.558	- / -	- / -	360 / 103.469	
<b>Modification Item 6 of 31:</b> 4) Structural Life Limited Parts 2 (roll-up & install)	1,140 / 73.554	331 / 22.721	421 / 38.116	852 / 36.733	- / -	852 / 36.733	686 / 56.860	646 / 56.860	621 / 50.542	581 / 42.560	266 / 20.000	5,544 / 397.946	
<b>Modification Item 31 of 31:</b> SLLP3 ECPs (Roll-up & Install)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	270 / 23.765	450 / 36.625	450 / 32.964	1,956 / 147.068	3,126 / 240.422	
<i>Subtotal: Installation</i>	<i>1,185 / 83.761</i>	<i>376 / 36.644</i>	<i>477 / 55.541</i>	<i>895 / 50.009</i>	<i>- / -</i>	<i>895 / 50.009</i>	<i>721 / 70.305</i>	<i>951 / 94.260</i>	<i>1,172 / 108.725</i>	<i>1,031 / 75.524</i>	<i>2,222 / 167.068</i>	<i>9,030 / 741.837</i>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>308.510</b>	<b>98.112</b>	<b>125.999</b>	<b>120.392</b>	<b>0.000</b>	<b>120.392</b>	<b>142.553</b>	<b>168.358</b>	<b>172.926</b>	<b>103.582</b>	<b>193.547</b>	<b>1,433.979</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date: March 2024</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 5 / Correction of Deficiencies

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 31:** 1) Correction of Deficiencies (roll-up & install) [B-kits]

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026		
Delivery Dates	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027		

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	10 / 2.821	8 / 2.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 5.521
FY 2023	- / -	- / -	8 / 2.855	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.855
FY 2024	- / -	- / -	- / -	8 / 2.372	- / -	8 / 2.372	- / -	- / -	- / -	- / -	- / -	8 / 2.372
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	5 / 2.541	- / -	- / -	- / -	- / -	5 / 2.541
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.541	- / -	- / -	- / -	7 / 2.541
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.998	- / -	- / -	7 / 2.998
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	10 / 2.821	8 / 2.700	8 / 2.855	8 / 2.372	- / -	8 / 2.372	5 / 2.541	7 / 2.541	7 / 2.998	- / -	- / -	53 / 18.828

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	10	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	-	-	-	-	0	53
Out	7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	-	-	-	0	53

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	35 / 7.386	37 / 11.223	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 18.609

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2		<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 31:** 1) Correction of Deficiencies (roll-up & install) [B-kits]

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	48 / 14.570	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 14.570
FY 2024	- / -	- / -	- / -	35 / 10.904	- / -	35 / 10.904	- / -	- / -	- / -	- / -	- / -	35 / 10.904
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	30 / 10.904	- / -	- / -	- / -	- / -	30 / 10.904
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 11.094	- / -	- / -	- / -	28 / 11.094
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	94 / 18.560	- / -	- / -	94 / 18.560
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	35 / 7.386	37 / 11.223	48 / 14.570	35 / 10.904	- / -	35 / 10.904	30 / 10.904	28 / 11.094	94 / 18.560	- / -	- / -	307 / 84.641

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	35	9	9	9	10	12	12	12	12	9	9	9	8	8	8	7	7	7	7	7	7	7	23	23	24	24	-	-	-	-	0	307
Out	27	8	9	9	9	10	12	12	12	12	9	9	9	8	8	8	7	7	7	7	7	7	23	23	24	24	-	-	-	-	0	307

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 31:</b> 1.1) CoD ECP-1383C1 VEHICLE MISSION COMPUTER UPGRADE							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 3 of 31:</b> 1.2) CoD ECP-0701 FULLY QUALIFIED F-35A NOSE LANDING GEAR RETROFIT							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 4 of 31:</b> 1.3) CoD ECP-1008 MOORING RING RETROFIT							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 5 of 31:</b> 1.4) CoD ECP-1134 NOSE WHEEL STEERING MOTOR CRACKS							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 0	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 5 / Correction of Deficiencies
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 6 of 31:** 4) Structural Life Limited Parts 2 (roll-up & install)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	34 / 2.822	34 / 2.329	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	68 / 5.151
FY 2023	- / -	- / -	34 / 2.678	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 2.678
FY 2024	- / -	- / -	- / -	34 / 2.712	- / -	34 / 2.712	- / -	- / -	- / -	- / -	- / -	34 / 2.712
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	34 / 2.744	- / -	- / -	- / -	- / -	34 / 2.744
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 2.744	- / -	- / -	- / -	34 / 2.744
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 2.744	- / -	- / -	34 / 2.744
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	34 / 2.822	34 / 2.329	34 / 2.678	34 / 2.712	- / -	34 / 2.712	34 / 2.744	34 / 2.744	34 / 2.744	- / -	- / -	238 / 18.773

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	34	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	-	-	-	-	0	238
Out	34	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	-	-	-	-	0	238

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,106 / 70.732	297 / 20.392	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,403 / 91.124



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date: March 2024</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2		<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 6 of 31:** 4) Structural Life Limited Parts 2 (roll-up & install)

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	387 / 35.438	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	387 / 35.438
FY 2024	- / -	- / -	- / -	818 / 34.021	- / -	818 / 34.021	- / -	- / -	- / -	- / -	- / -	818 / 34.021
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	652 / 54.116	- / -	- / -	- / -	- / -	652 / 54.116
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	612 / 54.116	- / -	- / -	- / -	612 / 54.116
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	587 / 47.798	- / -	- / -	587 / 47.798
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	581 / 42.560	- / -	581 / 42.560
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	211 / 15.000	211 / 15.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 5.000	55 / 5.000
<b>Total</b>	1,106 / 70.732	297 / 20.392	387 / 35.438	818 / 34.021	- / -	818 / 34.021	652 / 54.116	612 / 54.116	587 / 47.798	581 / 42.560	266 / 20.000	5,306 / 379.173

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1,106	74	74	74	75	97	97	97	96	204	204	205	205	163	163	163	163	153	153	153	153	147	147	147	146	146	145	145	145	266	5,306
Out	1,106	74	74	74	75	97	97	97	96	204	204	205	205	163	163	163	163	153	153	153	153	147	147	147	146	146	145	145	145	266	5,306

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 7 of 31:</b> COMMON: Correction of Deficiencies: Equipment Group B							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 8 of 31:</b> SLLP2 ECP-0335/0335R2 FS503 FRAME							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 100		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 9 of 31:</b> SLLP2 ECP-0428 FS402 RHS FRAME							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 130		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 10 of 31:</b> SLLP2 ECP-0525/0525R1/R2 FS402 UPPER FRAME							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 150		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 11 of 31:</b> SLLP2 ECP-0557 CENTER FUSELAGE F2 FLOOR							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022						
Delivery Dates	Dec 2023						
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 157		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 12 of 31:</b> SLLP2 ECP-0628 BULKHEAD FS450, 472, 518 & 556							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 24		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 13 of 31:</b> SLLP2 ECP-0630 FUEL FLOOR FS496-556							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 34	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 14 of 31:</b> SLLP2 ECP-0698 FS496 BULKHEAD TRUNNION							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 15		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 15 of 31:</b> SLLP2 ECP-0754/0754R1 FS518 BULKHEAD (LRIP 1-12)							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 200	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 16 of 31:</b> SLLP2 ECP-0847 VT FWD SHEAR FITTING BUSH							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 265		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 17 of 31:</b> SLLP2 ECP-1065 F1 FEED TANK UPPER COVERS LIMITED LIFE							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022	Dec 2023					
Delivery Dates	Dec 2023	Dec 2024					
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 334		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 18 of 31:</b> SLLP2 ECP-1130 UPPER INLET DUCT LONGERON (Lot 1-12)							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 208		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 19 of 31:</b> SLLP2 ECP-1220 FS402 UPPER OUTBOARD FRAMES							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022	Dec 2023					
Delivery Dates	Dec 2023	Dec 2024					
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 377		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 20 of 31:</b> SLLP2 ECP-1246 LHS METALLIC FWD CHINE LONGERON							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 138		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 21 of 31:</b> SLLP2 ECP-1406 GUN BLAST SKIN							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022	Dec 2023	Dec 2024				
Delivery Dates	Dec 2023	Dec 2024	Dec 2025				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 138	



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 22 of 31:</b> SLLP2 ECP-1433 FUEL FLOOR FS472-496 (LH)							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth, TX			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	
Delivery Dates		Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 456		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 23 of 31:</b> SLLP2 ECP-1434 FUEL FLOOR FS472-496 (RH)							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Wroth, TX			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	
Delivery Dates		Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 456		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 24 of 31:</b> SLLP2 ECP-1435 FS450 BULKHEAD							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth, TX			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 548		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 25 of 31:</b> SLLP2 ECP-1441 FS402 UPPER FRAME							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022	Dec 2023					
Delivery Dates	Dec 2023	Dec 2024					
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 195		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 26 of 31:</b> SLLP2 ECP-1689 FS 383 UPPER INBOARD FRAME							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Dec 2023	Dec 2024	Dec 2025			
Delivery Dates		Dec 2024	Dec 2025	Dec 2026			
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 127		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 27 of 31:</b> SLLP2 ECP-1754 F35A RUDDER EARTH BRACKET							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates		Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 515		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 28 of 31:</b> SLLP2 ECP-1794 - F-35A RUDDER SPAR (2VSH45191/2)							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates		Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 460		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 29 of 31:</b> SLLP2 ECP-1832 MLG TRUNNION SHEAR WEB FS 472-496 LHS/RHS							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates			Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 482		



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 5 / Correction of Deficiencies	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 30 of 31:</b> SLLP2 ECP-XXXC TRESTLE HINGE BEAM DURABILITY TEST CRACK MOD							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed Martin				Manufacturer Location: Fort Worth			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	
Delivery Dates		Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 458		

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 5 / Correction of Deficiencies
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 31 of 31:** SLLP3 ECPs (Roll-up & Install)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Ft. Worth, TX
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates				Jan 2026	Jan 2027	Jan 2028	Jan 2029
Delivery Dates				Jan 2027	Jan 2028	Jan 2029	Jan 2030

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	270 / 23.765	- / -	- / -	- / -	270 / 23.765
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 36.625	- / -	- / -	450 / 36.625
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 32.964	- / -	450 / 32.964
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	540 / 38.389	540 / 38.389
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,416 / 108.679	1,416 / 108.679
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	270 / 23.765	450 / 36.625	450 / 32.964	1,956 / 147.068	3,126 / 240.422

**Installation Schedule**

PYS	In	Out	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	67	68	68	112	112	113	113	112	112	113	113	1,956	3,126
	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	67	68	68	112	112	113	113	112	112	113	113	1,956	3,126

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 6 / Block 4 Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	227.740	220.584	287.607	398.416	0.000	398.416	384.098	381.713	388.583	469.085	1,519.030	4,276.856
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	227.740	220.584	287.607	398.416	0.000	398.416	384.098	381.713	388.583	469.085	1,519.030	4,276.856
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>227.740</b>	<b>220.584</b>	<b>287.607</b>	<b>398.416</b>	<b>0.000</b>	<b>398.416</b>	<b>384.098</b>	<b>381.713</b>	<b>388.583</b>	<b>469.085</b>	<b>1,519.030</b>	<b>4,276.856</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Block 4 Program is established to retrofit advanced capabilities on the F-35 to increase the capability and lethality of the weapon system to meet current and future threats. Funding is required to upgrade Low Rate Initial Production (LRIP) to match Production hardware configurations. Block 4 incorporation will not follow the traditional Block upgrade approach; instead, modifications will be performed through a Continuous Capability Development and Delivery Concept that entails upgrades to both hardware and software on fielded aircraft on a yearly base. The current modification incorporation schedule lags production by one year. The program will maintain that schedule for subsequent lots pending part qualification dates.

The Block 4 program is a series of 66+ individual required capabilities. Hardware necessary to enable capability will be incorporated throughout aircraft production. Hardware retrofit ECPs are required to deliver new capabilities to fielded aircraft. Each time a series of hardware breaks into production, a retrofit kit was developed to match that hardware configuration. As a result, an early LRIP aircraft will need a series of retrofit kits to achieve the full Block 4 hardware configuration. However, each individual kit still delivers capability commensurate with the production aircraft around which it was designed. The nomenclature of the kits has changed away from the "Lot" nomenclature since production break-in is not consistent for every customer. The primary kits are the 40Px (formerly referred to as Lot 15 kit), 42Px Kit A (former Lot 16 and 17 kits combined), and 42Px Kit B (former Lot 19 kit).

This effort includes, but not limited to the below capabilities and associated modification install timelines:

40Px (former Lot 15) - Technical Refresh 3 (TR-3), Next Generation Distributed Aperture System (Next Gen DAS), Cooling Mod Phase 1 (orifices only), High Efficiency Low Voltage Power Supply (HE-LVPS), Electronic Warfare (EW) Rack 2 Integrated Backplane Architecture (IBA), Radio Frequency Converter (RFC), Electronic Warfare Controller (EWC) Firmware, and Fuel Conduit Mod.

1) ECP-1609 - TR3 - Integrates new Integrated Core Processor (ICP), Panoramic Cockpit Display (PCD), and Aircraft Memory System (AMS) to meet Block 4 processing, memory, and throughput requirements.

2) ECP-1610 - Next Gen DAS - Replaces current DAS due to sensor reliability, while increasing performance to provide larger pixel focal plane array and higher operating temperatures.

-Cooling Upgrade Phase 1 (orifices only) - Increases cooling capacity to support EW growth.

-HE-LVPS - Required for EW mods increased power requirements.

-Rack 2 (IBA), RFC - Replaces legacy EW racks to accommodate modernized EW modules.

3) ECP-1323 - Fuel Conduit Mod - Enable alternate wire routing for Block 4 upgrades for Pre-Lot 15 Aircraft to eliminate the need to route wiring through the dead zone and accommodates future wiring needs.

42Px Kit A (former Lot 16/17):

- Advanced Communication, Navigation, Identification Processor (ACNIP) and CNI Avionics Interface Controller (CAIC) - ACNIP and CAIC - provides increased processing capabilities to support Concurrent Multi-Netting (CMN-4) capabilities.

- Cooling Mod Phase 1 and Phase 2 - Increases cooling capacity to support electronic warfare growth and Full Motion Video (FMV).

- Band 3/4 Antenna Electronic Modules (AEMs) - Replaces four of the six AEMs to enable EW capabilities.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 6 / Block 4 Modifications
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>
<p>- M-EWC/EWP - increases 8-core processors to 32-core, providing more than 3 times the processing performance for running advance algorithms and supporting the transition from 12 Receivers to 20 Receivers.</p> <p>- Aircraft Interface Module (ACIF), M-Quad Upconverter (M-QUC), M-Quad Tuner (M-QTM), M-DCR and Techniques Receiver (DCRTG), M-Analog-to-Digital Converter (ADC), and adds (1) High Efficiency Low Voltage Power Supply, (HE-LVPS) and (1) High Voltage Power Supply, (HVPS). Adds technology to address the Advancing Threats</p> <p>42Px Kit B (former Lot 19):</p> <ul style="list-style-type: none"> <li>-Domain Controller Radar Control Processor (DCRCP) - Enables increased processing, memory, and throughput.</li> <li>-Full Motion Video (FMV) - Adds the capability to receive encrypted and unencrypted full motion video and still imagery from operational facilities and remote video terminals.</li> <li>-Electronic Warfare (EW) - Adds Wide Band Receiver (WBR), Notch Filter Module (NFM), Band 3/4 Nose Landing Gear (NLG) Aperture &amp; Band 2/3/4 Array Electronics Module (AEM), Band 2 NLG Aperture, Modernized Radio Frequency Converter (M-RFC), Band 2-5 Switch Matrix Module (SMM).</li> <li>-WBR, NFM - Enhances Band 3/4 coverage to meet the emerging advanced threats.</li> <li>-M-RFC - Increases processing speed and throughput to accommodate modernized EW modules.</li> <li>-Band 2/3/4 NLG Aperture, Band 2/3/4 AEM and Band 2-5 SMM - Enhances/enables 2-5 Radar Warning Receiver (RWR) functionality.</li> <li>-Embedded Global Positioning System (GPS), Inertial Navigation System (EGI) &amp; Antenna Electronic Unit (AEU) - Hardware enabler for M-Code/Automatic Dependent Surveillance-Broadcast (ADSB) /Required Navigation Performance/Area Navigation (RNP/RNAV) capabilities.</li> <li>-Communication Navigation Identification (CNI) Advanced Multi Channel Transceiver Receiver (AMCTR) (1) - Provides Multifunctional Information Distribution System (MIDS) Modernization Increment 1 (MMI), Concurrent Multi-Netting (CMN) and Concurrent Contention Receive (CCR) capabilities.</li> <li>-Integrated CNI (ICNI) Rack 3A and 3B Backplane - Meets Block 4 processing and throughput requirements to support FMV and CMN-4.</li> </ul> <p>Note: TR-3/Block 4 retrofit installations were pushed one year later than production to account for manufacturing ramp rate and technical risk associated with hardware availability. Manufacturing capacity is projected to be 70 percent in the first year of procurement and 100 percent in subsequent years for all lots. In FY2025, the full manufacturing capacity will be available for 40Px (196) and 42Px Kit A (216). The program continues to invest in tooling to achieve the rates required to deliver capability through aircraft retrofits as hardware breaks into production lots.</p> <p>Integrated Logistics Support (ILS): ILS is required for program support and to support changes driven by Block 4 upgrades to fielded systems to include ALIS, Training (full motion simulator), JRE impacts, and support equipment.</p> <p>Unit, organic depot, or contractor field teams will complete the modification installs.</p> <p>Milestone/Development Status</p> <p>In FY2025, the program will begin installing 40Px retrofit kits. TR-3 installations were delayed from FY2024 due to software immaturity. Other modification installations were substituted to utilize existing installation resources at depots, where necessary.</p>		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 6 / Block 4 Modifications			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 5:</b> 40Px (former Lot 15)													
A Kits													
Recurring													
40Px (former Lot 15):INSTALL KITS Group A (Active)	66 / 161.700	85 / 204.000	70 / 168.000	74 / 177.600	- / -	74 / 177.600	40 / 96.000	40 / 96.000	9 / 21.600	- / -	- / -	384 / 924.900	
<i>Subtotal: Recurring</i>	- / 161.700	- / 204.000	- / 168.000	- / 177.600	- / -	- / 177.600	- / 96.000	- / 96.000	- / 21.600	- / -	- / -	- / 924.900	
<i>Subtotal: 40Px (former Lot 15)</i>	- / 161.700	- / 204.000	- / 168.000	- / 177.600	- / -	- / 177.600	- / 96.000	- / 96.000	- / 21.600	- / -	- / -	- / 924.900	
<b>Modification Item 2 of 5:</b> 42Px Kit A (former Lot 16/17)													
A Kits													
Recurring													
42Px Kit A (former Lot 16/17):INSTALL KITS Group A (Active)	- / -	- / -	27 / 78.300	65 / 188.500	- / -	65 / 188.500	62 / 179.800	55 / 159.500	55 / 159.500	41 / 118.900	7 / 20.300	312 / 904.800	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 78.300	- / 188.500	- / -	- / 188.500	- / 179.800	- / 159.500	- / 159.500	- / 118.900	- / 20.300	- / 904.800	
<i>Subtotal: 42Px Kit A (former Lot 16/17)</i>	- / -	- / -	- / 78.300	- / 188.500	- / -	- / 188.500	- / 179.800	- / 159.500	- / 159.500	- / 118.900	- / 20.300	- / 904.800	
<b>Modification Item 3 of 5:</b> 42Px Kit B (former Lot 19)													
A Kits													
Recurring													
42Px Kit B (former Lot 19):INSTALL KITS Group A (Active)	- / -	- / -	8 / 12.648	- / -	- / -	- / -	52 / 82.212	55 / 86.955	55 / 86.955	50 / 79.050	140 / 221.340	360 / 569.160	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 12.648	- / -	- / -	- / -	- / 82.212	- / 86.955	- / 86.955	- / 79.050	- / 221.340	- / 569.160	
<i>Subtotal: 42Px Kit B (former Lot 19)</i>	- / -	- / -	- / 12.648	- / -	- / -	- / -	- / 82.212	- / 86.955	- / 86.955	- / 79.050	- / 221.340	- / 569.160	
<b>Modification Item 4 of 5:</b> COMMON: Block 4 B Kits													
B Kits													
Recurring													
COMMON: Block 4 B Kits:EQUIPMENT Group B (Active)	- / 15.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.940	
<i>Subtotal: Recurring</i>	- / 15.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.940	
<i>Subtotal: COMMON: Block 4 B Kits</i>	- / 15.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.940	
<b>Modification Item 5 of 5:</b> Lot 21													
A Kits													
Recurring													
Lot 21:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 72.500	88 / 220.000	390 / 975.000	507 / 1,267.500	

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications						<b>Modification Number / Title:</b> 6 / Block 4 Modifications		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0604840F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 72.500	- / 220.000	- / 975.000	- / 1,267.500
<i>Subtotal: Lot 21</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 72.500	- / 220.000	- / 975.000	- / 1,267.500
<i>Subtotal: Procurement, All Modification Items</i>	- / 177.640	- / 204.000	- / 258.948	- / 366.100	- / -	- / 366.100	- / 358.012	- / 342.455	- / 340.555	- / 417.950	- / 1,216.640	- / 3,682.300
<b>Support (All Modification Items)</b>												
GROUP B: TOTAL NONRECURRING	- / 17.127	- / 1.732	- / 1.607	- / 1.214	- / -	- / 1.214	- / 0.194	- / 1.047	- / 3.957	- / 3.224	- / -	- / 30.102
OTHER GOVT <sup>(1)</sup>	- / 21.195	- / 12.400	- / 1.447	- / 2.510	- / -	- / 2.510	- / -	- / -	- / -	- / -	- / -	- / 37.552
ICS-Labor <sup>(2)</sup>	- / 11.778	- / 2.452	- / 2.343	- / 2.417	- / -	- / 2.417	- / 2.521	- / 1.877	- / 2.660	- / 1.905	- / 3.000	- / 30.953
SIM/TRAINER <sup>(3)</sup>	- / -	- / -	- / 8.874	- / 7.645	- / -	- / 7.645	- / 8.111	- / 7.743	- / 7.666	- / -	- / -	- / 40.039
<i>Subtotal: Support</i>	- / 50.100	- / 16.584	- / 14.271	- / 13.786	- / -	- / 13.786	- / 10.826	- / 10.667	- / 14.283	- / 5.129	- / 3.000	- / 138.646
<b>Installation</b>												
<i>Modification Item 1 of 5:</i> 40Px (former Lot 15)	- / -	- / -	66 / 14.388	85 / 18.530	- / -	85 / 18.530	70 / 15.260	74 / 16.132	40 / 8.720	40 / 8.720	9 / 1.962	384 / 83.712
<i>Modification Item 2 of 5:</i> 42Px Kit A (former Lot 16/17)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 10.395	65 / 25.025	62 / 23.870	158 / 60.830	312 / 120.120
<i>Modification Item 3 of 5:</i> 42Px Kit B (former Lot 19)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.064	- / -	52 / 13.416	300 / 77.400	360 / 92.880
<i>Modification Item 5 of 5:</i> Lot 21	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	507 / 159.198	507 / 159.198
<i>Subtotal: Installation</i>	- / -	- / -	66 / 14.388	85 / 18.530	- / -	85 / 18.530	70 / 15.260	109 / 28.591	105 / 33.745	154 / 46.006	974 / 299.390	1,563 / 455.910
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>227.740</b>	<b>220.584</b>	<b>287.607</b>	<b>398.416</b>	<b>0.000</b>	<b>398.416</b>	<b>384.098</b>	<b>381.713</b>	<b>388.583</b>	<b>469.085</b>	<b>1,519.030</b>	<b>4,276.856</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 6 / Block 4 Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 5:** 40Px (former Lot 15)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth, TX
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	
Delivery Dates	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029	

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	66 / 14.388	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	66 / 14.388
FY 2023	- / -	- / -	- / -	85 / 18.530	- / -	85 / 18.530	- / -	- / -	- / -	- / -	- / -	85 / 18.530
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	70 / 15.260	- / -	- / -	- / -	- / -	70 / 15.260
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	74 / 16.132	- / -	- / -	- / -	74 / 16.132
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 8.720	- / -	- / -	40 / 8.720
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 8.720	- / -	40 / 8.720
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.962	9 / 1.962
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	66 / 14.388	85 / 18.530	- / -	85 / 18.530	70 / 15.260	74 / 16.132	40 / 8.720	40 / 8.720	9 / 1.962	384 / 83.712

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	16	16	17	17	21	22	21	21	18	18	17	17	19	19	18	18	10	10	10	10	10	10	10	10	9	384
Out	0	-	-	-	-	-	16	16	17	17	21	22	21	21	18	18	17	17	19	19	18	18	10	10	10	10	10	10	10	19	384

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 6 / Block 4 Modifications
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 2 of 5:** 42Px Kit A (former Lot 16/17)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth, TX
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates		Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029	Dec 2030

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 10.395	- / -	- / -	- / -	27 / 10.395
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	65 / 25.025	- / -	- / -	65 / 25.025
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 23.870	- / -	62 / 23.870
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 21.175	55 / 21.175
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 21.175	55 / 21.175
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 15.785	41 / 15.785
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.695	7 / 2.695
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 10.395	65 / 25.025	62 / 23.870	158 / 60.830	312 / 120.120

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	7	7	17	16	16	16	16	16	15	15	158	312
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	7	7	17	16	16	16	16	16	15	173	312



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 6 / Block 4 Modifications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 3 of 5:** 42Px Kit B (former Lot 19)

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth, TX
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Mar 2024		Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates		Mar 2026		Mar 2028	Mar 2029	Mar 2030	Mar 2031

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.064	- / -	- / -	- / -	8 / 2.064
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 13.416	- / -	52 / 13.416
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 14.190	55 / 14.190
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 14.190	55 / 14.190
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 12.900	50 / 12.900
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	140 / 36.120	140 / 36.120
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.064	- / -	52 / 13.416	300 / 77.400	360 / 92.880

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	-	-	-	-	13	13	13	13	300	360
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	-	-	-	-	13	13	13	313	360

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications			<b>Modification Number / Title:</b> 6 / Block 4 Modifications	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 4 of 5:</b> COMMON: Block 4 B Kits							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 6 / Block 4 Modifications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 5 of 5:** Lot 21

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Fort Worth, TX
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates						Dec 2027	Dec 2028
Delivery Dates						Dec 2029	Dec 2030

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 9.106	29 / 9.106
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	88 / 27.632	88 / 27.632
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	390 / 122.460	390 / 122.460
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	507 / 159.198	507 / 159.198

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	507	507
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	507	507

**Footnotes:**  
 (1) Other Gov't support costs consist of Capacity Tooling  
 (2) ICS is required to support changes driven by Block 4 upgrades to fielded systems to include ALIS, Training Systems (simulators), JRE impacts, and support equipment.  
 (3) Equipment necessary to begin upgrading the pilot training devices to match the retrofitted Block 4 aircraft. Training system upgrades will ensure the simulator matches the aircraft increasing the effectivity of the training reducing aircraft flight hours. Additionally, training on a simulator that does not match the aircraft can lead to potential mishaps in aircraft operations.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 7 / Propulsion

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	6.200	11.000	12.434	12.523	0.000	12.523	12.483	3.545	3.618	3.691	0.000	65.494
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	6.200	11.000	12.434	12.523	0.000	12.523	12.483	3.545	3.618	3.691	0.000	65.494
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>6.200</b>	<b>11.000</b>	<b>12.434</b>	<b>12.523</b>	<b>0.000</b>	<b>12.523</b>	<b>12.483</b>	<b>3.545</b>	<b>3.618</b>	<b>3.691</b>	<b>0.000</b>	<b>65.494</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This Propulsion Program is established for the correction of propulsion related readiness degraders impacting F-35 CTOL Reliability Maintainability and Availability (RM&A), production deficiencies, obsolescence, and reduction of life-cycle costs. These modifications (MODs) will be accomplished by field or depot retrofit and implemented to coincide with resources and aircraft availability. To meet the goal of increasing readiness, the propulsion systems must be modified as critical RM&A issues are identified. Funds will be used to manage, prepare, process, and incorporate Engineering Change Proposals. The reliability and readiness initiatives included in the proposed category are projected to have a significant positive impact to the F-35 CTOL F135 Propulsion systems.

Propulsion programs include but are not limited to Lockwireless Fittings, Thrust Recovery, Multi-attitude Deaerator (MAD) Gearbox redesign, Main Fuel Throttle Valve (MFTV) Bellows/Electro-Hydraulic Servo Valve (EHSV), Gearbox Idler; Nozzle Wear Tilt Improvement, and Heaterless Nosecone Elimination.

**Milestone/Development Status**

FY 2023 was the initial procurement year for material. Installation conducted at the organic depot.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 7 / Propulsion			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Propulsion B Kits</i>													
A Kits													
Recurring													
Propulsion B Kits:INSTALL KITS Group A (Active)	29 / 5.800	57 / 9.000	43 / 8.600	37 / 7.400	- / -	37 / 7.400	43 / 8.600	- / -	- / -	- / -	- / -	209 / 39.400	
<i>Subtotal: Recurring</i>	- / 5.800	- / 9.000	- / 8.600	- / 7.400	- / -	- / 7.400	- / 8.600	- / -	- / -	- / -	- / -	- / 39.400	
<i>Subtotal: Propulsion B Kits</i>	- / 5.800	- / 9.000	- / 8.600	- / 7.400	- / -	- / 7.400	- / 8.600	- / -	- / -	- / -	- / -	- / 39.400	
<i>Subtotal: Procurement, All Modification Items</i>	- / 5.800	- / 9.000	- / 8.600	- / 7.400	- / -	- / 7.400	- / 8.600	- / -	- / -	- / -	- / -	- / 39.400	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 0.400	- / 0.600	- / 1.434	- / 1.523	- / -	- / 1.523	- / 1.483	- / 1.145	- / 3.618	- / 3.691	- / -	- / 13.894	
<i>Subtotal: Support</i>	- / 0.400	- / 0.600	- / 1.434	- / 1.523	- / -	- / 1.523	- / 1.483	- / 1.145	- / 3.618	- / 3.691	- / -	- / 13.894	
<b>Installation</b>													
<i>Modification Item 1 of 1: Propulsion B Kits</i>	- / -	29 / 1.400	57 / 2.400	43 / 3.600	- / -	43 / 3.600	37 / 2.400	43 / 2.400	- / -	- / -	- / -	209 / 12.200	
<i>Subtotal: Installation</i>	- / -	29 / 1.400	57 / 2.400	43 / 3.600	- / -	43 / 3.600	37 / 2.400	43 / 2.400	- / -	- / -	- / -	209 / 12.200	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>6.200</b>	<b>11.000</b>	<b>12.434</b>	<b>12.523</b>	<b>0.000</b>	<b>12.523</b>	<b>12.483</b>	<b>3.545</b>	<b>3.618</b>	<b>3.691</b>	<b>0.000</b>	<b>65.494</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 7 / Propulsion

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Propulsion B Kits

**Manufacturer Information**

Manufacturer Name: Pratt & Whitney	Manufacturer Location: Hartford, CT
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025			
Delivery Dates	Dec 2023	Dec 2024	Dec 2025	Dec 2026			

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	29 / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 1.400
FY 2023	- / -	- / -	57 / 2.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	57 / 2.400
FY 2024	- / -	- / -	- / -	43 / 3.600	- / -	43 / 3.600	- / -	- / -	- / -	- / -	- / -	43 / 3.600
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	37 / 2.400	- / -	- / -	- / -	- / -	37 / 2.400
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 2.400	- / -	- / -	- / -	43 / 2.400
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	29 / 1.400	57 / 2.400	43 / 3.600	- / -	43 / 3.600	37 / 2.400	43 / 2.400	- / -	- / -	- / -	209 / 12.200

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	7	7	7	8	14	14	15	14	11	11	11	10	10	9	9	9	10	11	11	11	-	-	-	-	-	-	-	-	0	209
Out	0	-	7	7	7	8	14	14	15	14	11	11	11	10	10	9	9	9	10	11	11	11	-	-	-	-	-	-	-	0	209

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 8 / Reliability and Maintainability
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	2.100	2.400	8.808	4.696	0.000	4.696	5.722	1.938	1.978	2.016	0.558	30.216
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	2.100	2.400	8.808	4.696	0.000	4.696	5.722	1.938	1.978	2.016	0.558	30.216
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>2.100</b>	<b>2.400</b>	<b>8.808</b>	<b>4.696</b>	<b>0.000</b>	<b>4.696</b>	<b>5.722</b>	<b>1.938</b>	<b>1.978</b>	<b>2.016</b>	<b>0.558</b>	<b>30.216</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort is established for the correction of readiness degraders impacting F-35A cost per flight hour; Reliability, Maintainability, and Availability (RM&A); obsolescence; and reduction of life-cycle costs. These modifications will be accomplished by field mod team and implemented to coincide with resources and aircraft availability.

In order to meet the goal of increasing readiness, the airframe and integrated systems must be modified as critical RM&A issues are identified. Funds will be used to manage, prepare, process and incorporate Engineering Change Proposals (ECPs). Individual ECPs will be listed once identified. The reliability and readiness initiatives included in the proposed effort are projected to have a significant positive impact to the F-35A platform.

Milestone/Development Status

FY2022 was the transition point from correction of deficiencies to Reliability and Maintainability.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications					<b>Modification Number / Title:</b> 8 / Reliability and Maintainability			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-35A				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0604840F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Reliability &amp; Maintainability A Kits</i>													
A Kits													
Recurring													
Reliability & Maintainability A Kits:INSTALL KITS Group A (Active)	21 / 1.600	20 / 1.500	78 / 4.000	28 / 2.200	- / -	28 / 2.200	55 / 3.230	55 / 0.700	55 / 0.800	55 / 1.000	- / -	367 / 15.030	
<i>Subtotal: Recurring</i>	- / 1.600	- / 1.500	- / 4.000	- / 2.200	- / -	- / 2.200	- / 3.230	- / 0.700	- / 0.800	- / 1.000	- / -	- / 15.030	
<i>Subtotal: Reliability &amp; Maintainability A Kits</i>	- / 1.600	- / 1.500	- / 4.000	- / 2.200	- / -	- / 2.200	- / 3.230	- / 0.700	- / 0.800	- / 1.000	- / -	- / 15.030	
<i>Subtotal: Procurement, All Modification Items</i>	- / 1.600	- / 1.500	- / 4.000	- / 2.200	- / -	- / 2.200	- / 3.230	- / 0.700	- / 0.800	- / 1.000	- / -	- / 15.030	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 0.500	- / 0.500	- / 0.808	- / 0.696	- / -	- / 0.696	- / 0.492	- / 0.538	- / 0.531	- / 0.414	- / -	- / 4.479	
<i>Subtotal: Support</i>	- / 0.500	- / 0.500	- / 0.808	- / 0.696	- / -	- / 0.696	- / 0.492	- / 0.538	- / 0.531	- / 0.414	- / -	- / 4.479	
<b>Installation</b>													
<i>Modification Item 1 of 1: Reliability &amp; Maintainability A Kits</i>	- / -	21 / 0.400	20 / 4.000	78 / 1.800	- / -	78 / 1.800	28 / 2.000	55 / 0.700	55 / 0.647	55 / 0.602	55 / 0.558	367 / 10.707	
<i>Subtotal: Installation</i>	- / -	21 / 0.400	20 / 4.000	78 / 1.800	- / -	78 / 1.800	28 / 2.000	55 / 0.700	55 / 0.647	55 / 0.602	55 / 0.558	367 / 10.707	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>2.100</b>	<b>2.400</b>	<b>8.808</b>	<b>4.696</b>	<b>0.000</b>	<b>4.696</b>	<b>5.722</b>	<b>1.938</b>	<b>1.978</b>	<b>2.016</b>	<b>0.558</b>	<b>30.216</b>	



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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F03500 / F-35 Modifications	<b>Modification Number / Title:</b> 8 / Reliability and Maintainability
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Reliability & Maintainability A Kits

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Ft Worth, TX
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	
Delivery Dates	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	21 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 0.400
FY 2023	- / -	- / -	20 / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 4.000
FY 2024	- / -	- / -	- / -	78 / 1.800	- / -	78 / 1.800	- / -	- / -	- / -	- / -	- / -	78 / 1.800
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	28 / 2.000	- / -	- / -	- / -	- / -	28 / 2.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 0.700	- / -	- / -	- / -	55 / 0.700
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 0.647	- / -	- / -	55 / 0.647
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 0.602	- / -	55 / 0.602
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55 / 0.558	55 / 0.558
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	21 / 0.400	20 / 4.000	78 / 1.800	- / -	78 / 1.800	28 / 2.000	55 / 0.700	55 / 0.647	55 / 0.602	55 / 0.558	367 / 10.707

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	5	5	5	6	5	5	5	5	20	20	19	19	7	7	7	7	14	14	14	13	14	14	14	13	14	14	14	13	55	367
Out	0	-	5	5	5	6	5	5	5	5	20	20	19	19	7	7	7	7	14	14	14	13	14	14	14	13	14	14	14	68	367

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> F15EWS / F-15 EPAW
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0207171F	Other Related Program Elements: 0207146F
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**Line Item MDAP/MAIS Code:** 485

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	436.449	259.837	280.658	271.970	-	271.970	207.723	118.624	102.513	123.474	0.000	1,801.248
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	436.449	259.837	280.658	271.970	-	271.970	207.723	118.624	102.513	123.474	0.000	1,801.248
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>436.449</b>	<b>259.837</b>	<b>280.658</b>	<b>271.970</b>	<b>-</b>	<b>271.970</b>	<b>207.723</b>	<b>118.624</b>	<b>102.513</b>	<b>123.474</b>	<b>0.000</b>	<b>1,801.248</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	28.005	19.796	-	21.945	-	21.945	11.794	-	-	15.311	-	96.851
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-15 Eagle Passive Active Warning and Survivability System (EPAWSS) replaces the legacy, functionally-obsolete F-15 Tactical Electronic Warfare System. F-15 EPAWSS is a 21st century electronic warfare system which includes electronic detection and identification, geolocation, electronic countermeasures (jamming), and countermeasures dispensing (chaff/flares). The EPAWSS upgrade will significantly improve the F-15's ability to deny, degrade, deceive, disrupt, and defeat radio frequency (RF) and electro-optical / infrared threat systems within contested and highly contested environments.

The Air Force aligned F-15E EPAWSS procurement with the overarching F-15E divestment and modification plans, which support 99 EPAWSS-equipped F-15E aircraft. The Low Rate Initial Production (LRIP) and Full Rate Production (FRP) phases overlap in years FY 2024 through FY 2026 (following the FRP decision planned for FY 2024), providing a seamless transition to maintain the production schedule.

Funding will be used to address Diminishing Manufacturing Sources (DMS) issues.

EPAWSS' designed service life (DSL) aligns with the DSL of the aircraft.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
F15EWS / F-15 EPAW

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207171F **Other Related Program Elements:** 0207146F

**Line Item MDAP/MAIS Code:** 485

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	8796 / EPAWSS F-15E (Capability Improvement)		B		- / 436.449	- / 259.837	- / 280.658	- / 271.970	- / 0.000	- / 271.970
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 436.449</b>	<b>- / 259.837</b>	<b>- / 280.658</b>	<b>- / 271.970</b>	<b>- / -</b>	<b>- / 271.970</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	8796 / EPAWSS F-15E (Capability Improvement)		B		- / 207.723	- / 118.624	- / 102.513	- / 123.474	- / 0.000	- / 1,801.248
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 207.723</b>	<b>- / 118.624</b>	<b>- / 102.513</b>	<b>- / 123.474</b>	<b>- / 0.000</b>	<b>- / 1,801.248</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

Cost elements and budgeted values in the P-3a (FY 2023 - FY 2029) were revised to reflect execution actuals and updated program office projections based on the Full Rate Production proposal.

FY 2025 funding will procure 21 EPAWSS shipsets (Group A and Group B kits) and fund 19 total aircraft modifications between the Contractor Modification Facility (CMF) in San Antonio, TX (SAT) and the Programmed Depot Maintenance (PDM) facility at Robins AFB, GA.

FY 2025 funding supports, but is not limited to, the following efforts:

- SEPM: System Engineering/Program Management covering both the LRIP and FRP contracts
- DMSMS: Monitoring and resolving Diminishing Manufacturing Sources/Material Shortages and/or obsolescence issues
- Production NRE: Software/operating systems upgrades to system and applicable support equipment
- Production Over & Above: Work discovered during modification that is not within EPAWSS scope but necessary to return aircraft to service.
- ICS: Interim Contractor Support (ICS), to include Field Service Representatives (FSR) at operating locations, and infrastructure investments to increase repair line capacity
- SE/GFP Repair: Repair of Government Furnished Property (GFP); Supplemental tooling and support equipment (SE) for modlines and operating locations
- Data/Training: Updates to technical orders/manuals; technician and operator training
- OGCs/PMA/ECOs: Program Office requirements and change orders

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F15EWS / F-15 EPAW	<b>Modification Number / Title:</b> 8796 / EPAWSS F-15E

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	436.449	259.837	280.658	271.970	0.000	271.970	207.723	118.624	102.513	123.474	0.000	1,801.248
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	436.449	259.837	280.658	271.970	0.000	271.970	207.723	118.624	102.513	123.474	0.000	1,801.248
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>436.449</b>	<b>259.837</b>	<b>280.658</b>	<b>271.970</b>	<b>0.000</b>	<b>271.970</b>	<b>207.723</b>	<b>118.624</b>	<b>102.513</b>	<b>123.474</b>	<b>0.000</b>	<b>1,801.248</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	28.005	19.796	-	21.945	-	21.945	11.794	0.000	0.000	15.311	-	96.851
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The F-15 is a versatile 4th-generation fighter aircraft and is central to Combatant Commanders' ability to fulfill the National Defense Strategy (Joint Lethality in Contested Environments) for numerous operational plans (OPLANS) and contingency plans (CONPLANS) in near-peer conflicts. The proliferation of fourth generation enemy aircraft, sophisticated "double-digit" anti-aircraft missile systems, and other threat systems pose a significant threat to F-15 survivability.

The F-15 Eagle Passive Active Warning and Survivability System (EPAWSS) ensures future F-15 viability, replacing the legacy, functionally-obsolete F-15 Tactical Electronic Warfare System. F-15 EPAWSS is an integrated and digital electronic warfare suite which includes electronic detection and identification, geolocation, electronic countermeasures (jamming), and countermeasures dispensing (chaff/flares). EPAWSS will significantly improve the F-15's ability to deny, degrade, deceive, disrupt, and defeat RF and electro-optical / infrared threat systems within contested and highly contested environments.

Core Candidate Decision (CCD), dated 10 May 2013, and Depot Source of Repair (DSOR) #13-077F, dated 8 July 2016 and updated 8 August 2023, approve and assign Warner-Robins Air Logistics Complex as the site for organic repair of F-15 EPAWSS hardware and software.

**QUANTITY & INSTALLATION INFORMATION:**

--The Air Force will equip 99 F-15E aircraft with EPAWSS production hardware. Prior-year funding supports 68 shipsets and budget-year funding supports 21 shipsets, leaving 5 complete shipsets and 5 partial Group B hardware kits (Retrofit Kits for 5 test aircraft initially modified during development) to be procured in subsequent years.

--During FY 2024, the Air Force will procure additional Low-Rate Initial Production (LRIP) shipsets (increasing FY 2023-funded quantities) to enable installations during PDM, in parallel with installations at the CMF (reference P-3a Installation Information).

--Beginning with FY 2025, funding requested for F-15E EPAWSS installations will align to the annual induction schedule, a shift from prior requests which sought to fully fund and contract installations by procurement lot. The FY 2025 schedule includes 19 inductions; 5 inductions are prior-year funded and 14 require FY 2025 funds (10 at the CMF and 4 at PDM).

**Milestone/Development Status**

The program is operating within the Acquisition Program Baseline, having achieved Milestone C Decision Point #1 in December 2020, Decision Point #2 in June 2022, and IOT&E start in July 2023. AFOTEC completed IOT&E test events in January 2024. The Engineering & Manufacturing Development phase is effectively complete as the program will take delivery of final production-representative hardware modules in 2Q FY 2024 followed by contract closure in 3Q FY 2024. The Full Rate Production (FRP) decision is tentatively planned for 3Q FY 2024, followed by FRP contract award.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2					<b>P-1 Line Item Number / Title:</b> F15EWS / F-15 EPAW					<b>Modification Number / Title:</b> 8796 / EPAWSS F-15E			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> F-15E				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207146F, 0207171F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207171F	8 / 449.954	- / 65.587	- / 13.982	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 529.523	
<b>Procurement</b>													
<b>Modification Item 1 of 2: F-15E EPAWSS</b>													
A Kits													
Recurring													
F-15E EPAWSS:INSTALL KITS Group A (Active)	23 / 26.522	26 / 27.924	19 / 32.827	21 / 34.587	- / -	21 / 34.587	5 / 8.235	- / -	- / -	- / -	- / -	94 / 130.095	
<i>Subtotal: Recurring</i>	- / 26.522	- / 27.924	- / 32.827	- / 34.587	- / -	- / 34.587	- / 8.235	- / -	- / -	- / -	- / -	- / 130.095	
B Kits													
Recurring													
F-15E EPAWSS:EQUIPMENT Group B (Active)	23 / 95.221	26 / 84.620	19 / 71.887	21 / 81.403	- / -	21 / 81.403	5 / 24.382	- / -	- / -	- / -	- / -	94 / 357.513	
<i>Subtotal: Recurring</i>	- / 95.221	- / 84.620	- / 71.887	- / 81.403	- / -	- / 81.403	- / 24.382	- / -	- / -	- / -	- / -	- / 357.513	
<i>Subtotal: F-15E EPAWSS</i>	- / 121.743	- / 112.544	- / 104.714	- / 115.990	- / -	- / 115.990	- / 32.617	- / -	- / -	- / -	- / -	- / 487.608	
<b>Modification Item 2 of 2: Group B Retrofit Kit</b>													
B Kits													
Recurring													
Group B Retrofit Kit:EQUIPMENT Group B (Active)	- / -	- / -	- / -	- / -	- / -	- / -	5 / 5.150	- / -	- / -	- / -	- / -	5 / 5.150	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.150	- / -	- / -	- / -	- / -	- / 5.150	
<i>Subtotal: Group B Retrofit Kit</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.150	- / -	- / -	- / -	- / -	- / 5.150	
<i>Subtotal: Procurement, All Modification Items</i>	- / 121.743	- / 112.544	- / 104.714	- / 115.990	- / -	- / 115.990	- / 37.767	- / -	- / -	- / -	- / -	- / 492.758	
<b>Support (All Modification Items)</b>													
SEPM - LRIP Contract	- / 63.344	- / 21.406	- / 21.520	- / 21.530	- / -	- / 21.530	- / 21.541	- / -	- / -	- / -	- / -	- / 149.341	
SEPM - FRP Contract	- / -	- / -	- / 10.235	- / 19.343	- / -	- / 19.343	- / 19.642	- / 23.120	- / 26.760	- / 26.678	- / -	- / 125.778	
DMSMS	- / 157.998	- / 6.044	- / 8.000	- / 9.645	- / -	- / 9.645	- / 6.828	- / -	- / -	- / -	- / -	- / 88.515	
Production NRE	- / 123.467	- / -	- / -	- / 26.333	- / -	- / 26.333	- / -	- / -	- / -	- / -	- / -	- / 49.800	
Production Over & Above	- / -	- / 12.273	- / 6.032	- / 6.099	- / -	- / 6.099	- / 6.568	- / 17.931	- / 17.130	- / 17.356	- / -	- / 43.389	
Ctr Mod Facility Standup	- / 18.172	- / 3.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.277	
Interim Contractor Support (ICS)	- / 75.924	- / 11.124	- / 13.402	- / 14.804	- / -	- / 14.804	- / 15.276	- / 19.702	- / 21.593	- / 25.040	- / -	- / 196.865	
CTR Repair Line Standup - FRP Contract	- / -	- / -	- / 99.647	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 99.647	
SE/GFP Repair	- / 125.099	- / 1.076	- / 2.963	- / 10.975	- / -	- / 10.975	- / 10.993	- / 10.945	- / 10.927	- / 10.937	- / -	- / 33.915	
Other Contractor Costs	- / 10.032	- / 10.598	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.630	
Data/Training	- / 3.289	- / -	- / 15.163	- / 14.211	- / -	- / 14.211	- / 3.202	- / -	- / -	- / -	- / -	- / 15.865	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 2 **P-1 Line Item Number / Title:** F15EWS / F-15 EPAW **Modification Number / Title:** 8796 / EPAWSS F-15E

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Models of Systems Affected:** F-15E **Modification Type:** Capability Improvement **Related RDT&E PEs:** 0207146F, 0207171F

Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
OGCs/PMA/ECOs	- / 9.529	- / -	- / 16.397	- / 14.427	- / -	- / 14.427	- / 2.307	- / 3.520	- / 11.718	- / 63.463	- / -	- / 101.361
<i>Subtotal: Support</i>	- / 276.854	- / 45.626	- / 173.359	- / 107.367	- / -	- / 107.367	- / 76.357	- / 55.218	- / 68.128	- / 123.474	- / -	- / 926.383
<b>Installation</b>												
<b>Modification Item 1 of 2: F-15E EPAWSS</b>	2 / 37.852	4 / 101.667	14 / 2.585	19 / 48.613	- / -	19 / 48.613	25 / 93.599	18 / 63.406	12 / 34.385	- / -	- / -	94 / 382.107
<i>Subtotal: Installation</i>	2 / 37.852	4 / 101.667	14 / 2.585	19 / 48.613	- / -	19 / 48.613	25 / 93.599	18 / 63.406	12 / 34.385	- / -	- / -	94 / 382.107
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>436.449</b>	<b>259.837</b>	<b>280.658</b>	<b>271.970</b>	<b>0.000</b>	<b>271.970</b>	<b>207.723</b>	<b>118.624</b>	<b>102.513</b>	<b>123.474</b>	<b>0.000</b>	<b>1,801.248</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F15EWS / F-15 EPAW	<b>Modification Number / Title:</b> 8796 / EPAWSS F-15E
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 2:** F-15E EPAWSS

**Manufacturer Information**

Manufacturer Name: BAE	Manufacturer Location: Nashua, NH/Austin, TX
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 16

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Apr 2023	Jun 2024	Jun 2025	Jun 2026			
Delivery Dates	Aug 2024	Oct 2025	Oct 2026	Oct 2027			

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2 / 37.852	4 / 101.667	12 / 0.000	5 / 0.000	- / -	5 / 0.000	- / -	- / -	- / -	- / -	- / -	23 / 139.519
FY 2023	- / -	- / -	- / -	10 / 43.442	- / -	10 / 43.442	10 / 43.442	- / -	- / -	- / -	- / -	20 / 86.884
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	10 / 43.440	2 / 8.688	- / -	- / -	- / -	12 / 52.128
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 47.784	2 / 8.688	- / -	- / -	13 / 56.472
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 17.376	- / -	- / -	4 / 17.376
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	<b>2 / 37.852</b>	<b>4 / 101.667</b>	<b>12 / 0.000</b>	<b>15 / 43.442</b>	<b>- / -</b>	<b>15 / 43.442</b>	<b>20 / 86.882</b>	<b>13 / 56.472</b>	<b>6 / 26.064</b>	<b>- / -</b>	<b>- / -</b>	<b>72 / 352.379</b>

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	2	-	2	-	4	4	4	4	3	5	3	5	5	5	5	4	3	3	3	3	3	-	-	-	-	-	-	0	72
Out	0	-	-	-	-	-	1	5	-	4	4	4	4	3	5	3	5	5	5	5	4	3	3	3	3	3	-	-	-	0	72

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> F15EWS / F-15 EPAW	<b>Modification Number / Title:</b> 8796 / EPAWSS F-15E
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 2:** F-15E EPAWSS

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	2 / 2.585	4 / 5.171	- / -	4 / 5.171	- / -	- / -	- / -	- / -	- / -	6 / 7.756
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	5 / 6.717	2 / 2.774	- / -	- / -	- / -	7 / 9.491
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 4.160	5 / 6.934	- / -	- / -	8 / 11.094
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 <sup>(1)</sup> / 1.387	- / -	- / -	1 / 1.387
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	2 / 2.585	4 / 5.171	- / -	4 / 5.171	5 / 6.717	5 / 6.934	6 / 8.321	- / -	- / -	22 / 29.728

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	1	-	1	1	1	1	1	1	1	1	2	1	1	1	2	3	3	-	-	-	-	-	-	0	22
Out	0	-	-	-	-	-	-	-	-	-	1	-	1	1	1	1	1	1	1	1	2	1	1	1	2	3	3	-	-	0	22

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2			<b>P-1 Line Item Number / Title:</b> F15EWS / F-15 EPAW			<b>Modification Number / Title:</b> 8796 / EPAWSS F-15E	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> Group B Retrofit Kit							
<b>Manufacturer Information</b>							
Manufacturer Name: BAE				Manufacturer Location: Nashua, NH / Austin, TX			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 5		
<p><b>Footnotes:</b></p> <p>(1) The Air Force will modify 99 F-15E aircraft with EPAWSS production hardware. This exhibit supports 94 F-15E aircraft modifications at the CMF or PDM, as well as partial Group B Retrofit hardware for 5 F-15E test aircraft, initially modified with EPAWSS during development.</p>							

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft	<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0401221F	<b>Other Related Program Elements:</b> 0401221F, 0605221F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2.828	0.467	0.000	24.954	-	24.954	19.566	55.653	92.243	87.543	5,615.672	5,898.926
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2.828	0.467	0.000	24.954	-	24.954	19.566	55.653	92.243	87.543	5,615.672	5,898.926
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2.828</b>	<b>0.467</b>	<b>0.000</b>	<b>24.954</b>	<b>-</b>	<b>24.954</b>	<b>19.566</b>	<b>55.653</b>	<b>92.243</b>	<b>87.543</b>	<b>5,615.672</b>	<b>5,898.926</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The KC-46A has been validated at the Joint Requirements Oversight Council (JROC) multiple times from Nov 04 to May 18, and is a critical force extender in our Joint Warfighting Concept. In addition to its air refueling capability, the KC-46 is planned to be a key joint and coalition communications node. The KC-46 will provide the capability to fuel joint and coalition receivers via a boom or drogue system on every mission and will also augment the airlift fleet with cargo, passenger, and aeromedical evacuation capabilities. The KC-46 will operate in day/night and adverse weather conditions to enable deployment, employment, sustainment, and redeployment of U.S. joint, allied, and coalition forces. The KC-46 will have communication, navigation, and surveillance equipment for world-wide operations; the capability to perform missions in chemical and biological environments; the ability to operate in up to medium threat environments with self-defense/protection (both active and passive) capabilities; and the necessary battle space awareness to mitigate survivability threats. The dynamics and mission urgency of the post-production environment requires the program to maintain flexible and responsive posture to support a broad range of mission support needs. The KC-46 will continue to identify, design, develop, integrate, verify, certify, produce, install, field, and sustain a comprehensive range of non-recurring and recurring post-production, air vehicle enhancements and field support needs. These needs may originate from programmed Mobility Air Force (MAF) requirements, Combatant Commander Joint or Urgent Operational Needs (JUON/UON), non-programmed Federal Aviation Administration (FAA) directives, or correction of deficiency reports.

The KC-46 will continue to develop, field, and sustain warfighter capabilities to meet evolving threats and mission support requirements through Block or discrete modification or modernization programs depending on mission urgency, available funding, and programmatic and technical risks. Post-production requirements can include, but will not be limited to, avionics and structural systems/architecture and subsystem updates, general mission equipment updates and procurement, general sustainment support, studies and analyses, and correction of deficiency reports.

Other modifications to the KC-46 through FY29 include, but are not limited to: Connectivity, Reliability & Maintainability mods, Safety mods, Avionics and Flight Systems enhancements (described as the Pegasus Advanced Communications Suite (PACS) modification), efforts executed under the auspices of Pegasus Combat Capability (PC2) (M-Code Global Positioning System (GPS), Multifunctional Information Distribution Systems (MIDS) Enhancements, Advanced Communication Systems, Survivability and Mission Performance), requirements identified and supported by Major Command (MAJCOM)-approved 1067s, Higher Headquarters (HHQ) Enterprise Capability Collaboration Teams (i.e., High Value Airborne Asset [HVAA], Air Superiority 2030, and Multi-Domain Command and Control [MDC2]), Airworthiness Directives (ADs)/Service Bulletins (SBs), and Low Cost Modifications (LCMs).

FY25 New Start: Mobility Air Forces Connectivity Efforts. Aircraft Connectivity is a requirement for Line-of-Sight (LOS) and Beyond-Line-of-Sight (BLOS) connectivity capability on the KC-46A. This will enable maximum Mobility Air Forces (MAF) connectivity and real-time secure command and control for aircrew situational awareness.

Funding for this exhibit contained in PE 0401221F.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force			<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft		<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0401221F	<b>Other Related Program Elements:</b> 0401221F, 0605221F	
<b>Line Item MDAP/MAIS Code:</b> N/A			

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

The FY 2025 funding request was reduced by 0.374 million to account for the availability of prior year execution balances.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.467	-	16.954	-	16.954	19.566	55.653	92.243	87.543
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	5.000	-	5.000	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	3.000	-	3.000	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>0.467</b>	-	<b>24.954</b>	-	<b>24.954</b>	<b>19.566</b>	<b>55.653</b>	<b>92.243</b>	<b>87.543</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

**P-1 Line Item Number / Title:**  
KC046A / KC-46A MDAP

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401221F **Other Related Program Elements:** 0401221F, 0605221F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	KC-46A MDAP				- / 2.828	- / 0.467	- / 0.000	- / 3.954	- / 0.000	- / 3.954
P-3a	4603 / KC-46 MAF Connectivity (Capability Improvement)		B		- / -	- / -	- / -	- / 21.000	- / 0.000	- / 21.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 2.828</b>	<b>- / 0.467</b>	<b>- / 0.000</b>	<b>- / 24.954</b>	<b>- / -</b>	<b>- / 24.954</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	KC-46A MDAP				- / 19.566	- / 55.653	- / 92.243	- / 87.543	- / 5,615.672	- / 5,877.926
P-3a	4603 / KC-46 MAF Connectivity (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 21.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 19.566</b>	<b>- / 55.653</b>	<b>- / 92.243</b>	<b>- / 87.543</b>	<b>- / 5,615.672</b>	<b>- / 5,898.926</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod 4603, KC-46 MAF Connectivity, is a new start.

FY25 funding request to support Airworthiness Directives, Low Cost Modifications, and connectivity efforts.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP	<b>Aggregated Modification Items Title:</b> KC-46A MDAP
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4601 / R&M Safety Mods			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4602 / Pegasus Advanced Communications Suite (PACS)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
99999S / Airworthiness Directives			-	-	0.038	-	-	-	-	-	-	-	-	0.052	-	-	-	-	0.052	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	0.052		-	-		0.052	
99999X / Low Cost Modifications			-	-	2.790	-	-	0.467	-	-	-	-	-	3.902	-	-	-	-	3.902	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.467		-	-		-	3.902		-	-		3.902	
<b>Total</b>			-	-	<b>2.828</b>	-	-	<b>0.467</b>	-	-	<b>0.000</b>	-	-	<b>3.954</b>	-	-	<b>0.000</b>	-	<b>3.954</b>	

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4601 / R&M Safety Mods			-	-	-	-	-	-	-	-	-	-	-	-	-	2,141.826	-	-	2,141.826	
4602 / Pegasus Advanced Communications Suite (PACS)			-	-	19.566	-	-	46.409	-	-	47.477	-	-	48.568	-	-	186.413	-	-	348.433
<i>Secondary Distribution</i>																				
AF				-	19.566		-	46.409		-	47.477		-	48.568		-	-		-	
99999S / Airworthiness Directives			-	-	-	-	-	8.532	-	-	39.776	-	-	33.985	-	-	3,087.833	-	-	3,170.216
<i>Secondary Distribution</i>																				
AF				-	-		-	8.532		-	39.776		-	33.985		-	-		-	
99999X / Low Cost Modifications			-	-	-	-	-	0.712	-	-	4.990	-	-	4.990	-	-	199.600	-	-	217.451
<i>Secondary Distribution</i>																				
AF				-	-		-	0.712		-	4.990		-	4.990		-	-		-	
<b>Total</b>			-	-	<b>19.566</b>	-	-	<b>55.653</b>	-	-	<b>92.243</b>	-	-	<b>87.543</b>	-	-	<b>5,615.672</b>	-	-	<b>5,877.926</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP	<b>Aggregated Modification Items Title:</b> KC-46A MDAP
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Item Number / Title	Models of Systems Affected	Modification Type
4601 / R&M Safety Mods	KC-46	Safety
4602 / Pegasus Advanced Communications Suite (PACS)	KC-46	Capability Improvement
99999S / Airworthiness Directives	KC-46	Service Life Extension
99999X / Low Cost Modifications	KC-46	Capability Improvement

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP	<b>Modification Number / Title:</b> 4603 / KC-46 MAF Connectivity
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	21.000	0.000	21.000	0.000	0.000	0.000	0.000	0.000	21.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	-	21.000	0.000	21.000	0.000	0.000	0.000	0.000	0.000	21.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>21.000</b>	<b>0.000</b>	<b>21.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>21.000</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 4603, KC-46 MAF Connectivity, is a new start.

Mobility Air Forces Connectivity Efforts: Aircraft Connectivity is a requirement for Line-of-Sight (LOS) and Beyond-Line-of-Sight (BLOS) connectivity capability on the KC-46A. This will enable maximum Mobility Air Forces (MAF) connectivity and real-time secure command and control for aircrew situational awareness.

**Milestone/Development Status**

Development effort is a new start in FY25.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	13.000	-	13.000	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	5.000	-	5.000	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	3.000	-	3.000	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	-	-	<b>21.000</b>	<b>0.000</b>	<b>21.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2				<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP				<b>Modification Number / Title:</b> 4603 / KC-46 MAF Connectivity				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> KC-46A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0605221F, 0401221F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0401221F	- / -	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	1 / 1.000
<b>Procurement</b>												
<b>Modification Item 1 of 1:</b> MAF Connectivity Kit												
A Kits												
Recurring												
MAF Connectivity Kit:INSTALL KITS Group A (Active)	- / -	- / -	- / -	3 / 3.000	- / -	3 / 3.000	- / -	- / -	- / -	- / -	- / -	3 / 3.000
MAF Connectivity Kit:INSTALL KITS Group A (Guard)	- / -	- / -	- / -	3 / 3.000	- / -	3 / 3.000	- / -	- / -	- / -	- / -	- / -	3 / 3.000
MAF Connectivity Kit:INSTALL KITS Group A (Reserve)	- / -	- / -	- / -	2 / 2.000	- / -	2 / 2.000	- / -	- / -	- / -	- / -	- / -	2 / 2.000
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 8.000	- / -	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / 8.000
B Kits												
Recurring												
MAF Connectivity Kit:EQUIPMENT Group B (Active)	- / -	- / -	- / -	8 / 8.000	- / -	8 / 8.000	- / -	- / -	- / -	- / -	- / -	8 / 8.000
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 8.000	- / -	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / 8.000
<b>Subtotal: MAF Connectivity Kit</b>	- / -	- / -	- / -	- / 16.000	- / -	- / 16.000	- / -	- / -	- / -	- / -	- / -	- / 16.000
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / -	- / -	- / 16.000	- / -	- / 16.000	- / -	- / -	- / -	- / -	- / -	- / 16.000
<b>Installation</b>												
<b>Modification Item 1 of 1:</b> MAF Connectivity Kit												
<b>Subtotal: Installation</b>	- / -	- / -	- / -	8 / 5.000	- / -	8 / 5.000	- / -	- / -	- / -	- / -	- / -	8 / 5.000
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	21.000	0.000	21.000	0.000	0.000	0.000	0.000	0.000	21.000

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 2	<b>P-1 Line Item Number / Title:</b> KC046A / KC-46A MDAP	<b>Modification Number / Title:</b> 4603 / KC-46 MAF Connectivity
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** MAF Connectivity Kit

**Manufacturer Information**

Manufacturer Name: Boeing Manufacturer Location: Cecil Field

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Nov 2024				
Delivery Dates			Apr 2025				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	8 / 5.000	- / -	8 / 5.000	- / -	- / -	- / -	- / -	- / -	8 / 5.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	8 / 5.000	- / -	8 / 5.000	- / -	- / -	- / -	- / -	- / -	8 / 5.000

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	8
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	8

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft	<b>P-1 Line Item Number / Title:</b> C00500 / C-5
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0401119F, 0401897F	<b>Other Related Program Elements:</b> 0401119F, 0401897F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	234.473	15.486	24.377	45.445	-	45.445	29.401	63.330	36.643	34.577	0.000	483.732
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	234.473	15.486	24.377	45.445	-	45.445	29.401	63.330	36.643	34.577	0.000	483.732
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>234.473</b>	<b>15.486</b>	<b>24.377</b>	<b>45.445</b>	<b>-</b>	<b>45.445</b>	<b>29.401</b>	<b>63.330</b>	<b>36.643</b>	<b>34.577</b>	<b>0.000</b>	<b>483.732</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The C-5M carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. Additionally, the aircraft is capable of carrying 73 troops and 36 standard 463-L pallets. There are 52 C-5 aircraft in the Air Force fleet. The fleet was delivered to the Air Force between 1969 and 1989. Initial service life for the aircraft was 30,000 flight hours. Service life is extended out to 2040 as a result of the reliability enhancement and re-engining program (RERP) modification. Modifications increase operational capability while improving flight safety, reliability, and maintainability.

Available funds will be used for C-5M Mission Systems Equipment-Lavatory (MSE-LAV), Core Mission Computer and Weather Radar (CMC/WxR), C-5M Communication Navigation Surveillance/Air Traffic Management (CNS/ATM), C-5M Replace Multi-Functional Controls and Display (RMCD) and Low Cost Modifications (Capability Improvement). Funding may be used to address Diminishing Manufacturing Sources (DMS). Activities in support of these programs and DMS include studies and analysis, bridge buys, life-of-type buys, along with program support, risk reduction efforts, Advisory and Assistance Services, change orders, and other government costs such as travel, directorate support, government furnished equipment (GFE), and over and above costs.

The C-5M communication, navigation, surveillance/air traffic management (CNS/ATM) program is a comprehensive effort to ensure appropriate system design architectures are developed and installed on the C-5M to allow aircraft operation in accordance with civil airspace access mandates for the US national airspace system (NAS) and international civil airspace. Also, the program will add equipment to meet outstanding National Security Agency (NSA) mandates for encryption of voice communications. The CNS/ATM program ensures system standardization and interoperability with other DoD systems to the maximum extent possible and directly supports airworthiness certification of the C-5M.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L.110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

These modifications support performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Funding for this exhibit is contained in PE 0401119F and under mod line 8969, C-5 Training Systems (Training Mods), is contained in PE 0401897F.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF Quantity	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft					<b>P-1 Line Item Number / Title:</b> C00500 / C-5					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B			<b>Program Elements for Code B Items:</b> 0401119F, 0401897F			<b>Other Related Program Elements:</b> 0401119F, 0401897F				
<b>Line Item MDAP/MAIS Code:</b> N/A										

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	13.797	19.377	41.157	0.000	41.157	23.967	57.289	31.376	29.260
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.689	5.000	4.288	-	4.288	5.434	6.041	5.267	5.317
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>15.486</b>	<b>24.377</b>	<b>45.445</b>	<b>0.000</b>	<b>45.445</b>	<b>29.401</b>	<b>63.330</b>	<b>36.643</b>	<b>34.577</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft

**P-1 Line Item Number / Title:**  
C00500 / C-5

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401119F, 0401897F **Other Related Program Elements:** 0401119F, 0401897F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-5				- / 130.678	- / 7.958	- / 13.117	- / 9.004	- / 0.000	- / 9.004
P-3a	8928 / C-5A Crown Skins (Other)		B		- / -	- / 0.000	- / 0.000	- / 29.000	- / 0.000	- / 29.000
P-3a	8967 / Mission Computer and Weather Radar (Other)		B		- / 103.795	- / 7.528	- / 11.260	- / 7.441	- / 0.000	- / 7.441
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 234.473</b>	<b>- / 15.486</b>	<b>- / 24.377</b>	<b>- / 45.445</b>	<b>- / -</b>	<b>- / 45.445</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-5				- / 29.401	- / 63.330	- / 36.643	- / 34.577	- / 0.000	- / 324.708
P-3a	8928 / C-5A Crown Skins (Other)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 29.000
P-3a	8967 / Mission Computer and Weather Radar (Other)		B		- / 0.000	- / -	- / -	- / -	- / -	- / 130.024
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 29.401</b>	<b>- / 63.330</b>	<b>- / 36.643</b>	<b>- / 34.577</b>	<b>- / 0.000</b>	<b>- / 483.732</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

This program, P-3A Mod 8928, C-5A Crown Skins, is a new start.

Primary efforts in FY25 include C-5M CNS/ATM, C-5M MSE-LAV, CMC/WxR, C-5A Crown Skins, and Low Cost Modifications.

CNS/ATM and CMC/WxR modification installations will complete in FY25. MSE-LAV modification installations are tied to organic PDM schedule and will continue through FY27.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C00500 / C-5 **Aggregated Modification Items Title:** C-5

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8964 / C-5 Replace Multifunctional Co			-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	0.000		-	-		-	0.000
AFR				-	-		-	-		-	-		-	0.000		-	-		-	0.000
8965 / C-5 Fleet Blk Upgrade 01			-	-	13.093	-	-		-	-		-	-	-	-	-	-		-	-
8966 / C-5 Mission Systems Equipment-Lavatory			-	-	42.012	-	-	2.366	-	-	4.820	-	-	2.048	-	-	0.000	-	-	2.048
<i>Secondary Distribution</i>																				
AF				-	-		-	1.567	-	-	4.170	-	-	1.248	-	-	0.000	-	-	1.248
AFR				-	-		-	0.799	-	-	0.650	-	-	0.800	-	-	-	-	-	0.800
8968 / C-5M Communication Navigation Surveillance/ Air Traffic Management (CNS/ATM)			-	-	67.725	-	-	1.670	-	-	4.300	-	-	2.760	-	-	-	-	-	2.760
<i>Secondary Distribution</i>																				
AF				-	-		-	1.670	-	-	2.550	-	-	1.372	-	-	-	-	-	1.372
AFR				-	-		-	-	-	-	1.750	-	-	1.388	-	-	-	-	-	1.388
8969 / C-5 Training Systems (Training Mods)			-	-	7.848	-	-	3.633	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	3.633	-	-	-	-	-	-	-	-	-	-	-	-
99999X / Low Cost Modifications			-	-	0.000	-	-	0.289	-	-	3.997	-	-	4.196	-	-	-	-	-	4.196
<i>Secondary Distribution</i>																				
AF				-	-		-	0.289	-	-	3.997	-	-	4.196	-	-	-	-	-	4.196
<b>Total</b>			-	-	<b>130.678</b>	-	-	<b>7.958</b>	-	-	<b>13.117</b>	-	-	<b>9.004</b>	-	-	<b>0.000</b>	-	-	<b>9.004</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8964 / C-5 Replace Multifunctional Co			-	-	22.951	-	-	55.660	-	-	31.643	-	-	29.577	-	-	-	-	-	139.831
<i>Secondary Distribution</i>																				
AF				-	17.992	-	-	50.527	-	-	26.376	-	-	24.260	-	-	-	-	-	-
AFR				-	4.959	-	-	5.133	-	-	5.267	-	-	5.317	-	-	-	-	-	-
8965 / C-5 Fleet Blk Upgrade 01			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.093

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C00500 / C-5 **Aggregated Modification Items Title:** C-5

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8966 / C-5 Mission Systems Equipment-Lavatory			-	-	1.450	-	-	2.670	-	-	-	-	-	-	-	-	-	-	55.366	
<i>Secondary Distribution</i>																				
AF				-	0.975		-	1.762		-	-		-	-		-	-		-	-
AFR				-	0.475		-	0.908		-	-		-	-		-	-		-	-
8968 / C-5M Communication Navigation Surveillance/Air Traffic Management (CNS/ATM)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76.455	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-
8969 / C-5 Training Systems (Training Mods)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.481	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
99999X / Low Cost Modifications			-	-	5.000	-	-	5.000	-	-	5.000	-	-	5.000	-	-	-	-	-	28.482
<i>Secondary Distribution</i>																				
AF				-	5.000		-	5.000		-	5.000		-	5.000		-	-		-	-
<b>Total</b>			-	-	<b>29.401</b>	-	-	<b>63.330</b>	-	-	<b>36.643</b>	-	-	<b>34.577</b>	-	-	<b>0.000</b>	-	-	<b>324.708</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
8964 / C-5 Replace Multifunctional Co	C-5M	Reliability & Maintainability
8965 / C-5 Fleet Blk Upgrade 01	C-5B, C-5C, C-5M	Other
8966 / C-5 Mission Systems Equipment-Lavatory	C-5M	Other
8968 / C-5M Communication Navigation Surveillance/Air Traffic Management (CNS/ATM)	C-5M	Capability Improvement
8969 / C-5 Training Systems (Training Mods)	C-5M	Capability Improvement
99999X / Low Cost Modifications	C-5M	Capability Improvement

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C00500 / C-5	<b>Modification Number / Title:</b> 8928 / C-5A Crown Skins
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	29.000	0.000	29.000	0.000	0.000	0.000	0.000	-	29.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	29.000	0.000	29.000	0.000	0.000	0.000	0.000	-	29.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.000</b>	<b>0.000</b>	<b>29.000</b>	<b>0.000</b>	<b>29.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>29.000</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 8928, C-5A Crown Skins, is a new start.  
 Replace aft crown skins on the 1968-1970 Model C-5A and C-5C model aircraft due to stress corrosion cracks (SCC) - Tail # 69-0024 (A/M) and 68-0216 (A/C/M). Stress Corrosion Cracking has been a known issue regarding the C-5A crowns skins. Only two aircraft in the fleet have the old skin materials on the aft crown skin resulting in additional inspections for these aircraft.

Also, the C-5 fleet has a Certified Service Life (CSL) as specified by the Aircraft Structural Integrity Program (ASIP) as required by MIL-STD-1530C. For the C-5A fleet, the aft crown skin is the limiting factor for retirement tracking. In order to reach the projected retirement date and not ground these aircraft, replacement of the crown skins is required.

**Milestone/Development Status**

Acquiring key material in preparation for modification.  
 Submitted Workload Offer (WLO) to the C-5 AMXS division; awaiting WLO return.  
 On schedule to start installs in late FY25.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	29.000	-	29.000	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>0.000</b>	<b>0.000</b>	<b>29.000</b>	<b>0.000</b>	<b>29.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>



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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C00500 / C-5 **Modification Number / Title:** 8928 / C-5A Crown Skins

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Models of Systems Affected:** C-5M **Modification Type:** Other **Related RDT&E PEs:** 0401119F

Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> Crown Skin												
B Kits												
Recurring												
Crown Skin:EQUIPMENT Group B (Active)	- / -	- / -	- / -	2 / 10.000	- / -	2 / 10.000	- / -	- / -	- / -	- / -	- / -	2 / 10.000
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 10.000	- / -	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / 10.000
<i>Subtotal: Crown Skin</i>	- / -	- / -	- / -	- / 10.000	- / -	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / 10.000
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 10.000	- / -	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / 10.000
<b>Installation</b>												
<i>Modification Item 1 of 1:</i> Crown Skin												
	- / -	- / -	- / -	2 / 19.000	- / -	2 / 19.000	- / -	- / -	- / -	- / -	- / -	2 / 19.000
<i>Subtotal: Installation</i>	- / -	- / -	- / -	2 / 19.000	- / -	2 / 19.000	- / -	- / -	- / -	- / -	- / -	2 / 19.000
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	-	0.000	0.000	29.000	0.000	29.000	0.000	0.000	0.000	0.000	-	29.000

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C00500 / C-5	<b>Modification Number / Title:</b> 8928 / C-5A Crown Skins
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Crown Skin

**Manufacturer Information**

Manufacturer Name: DLA	Manufacturer Location: Robins AFB
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 7

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Jan 2025				
Delivery Dates			Aug 2025				

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	2 / 19.000	- / -	2 / 19.000	- / -	- / -	- / -	- / -	- / -	2 / 19.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	2 / 19.000	- / -	2 / 19.000	- / -	- / -	- / -	- / -	- / -	2 / 19.000

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2	
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	0	2	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C00500 / C-5	<b>Modification Number / Title:</b> 8967 / Mission Computer and Weather Radar

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	103.795	7.528	11.260	7.441	0.000	7.441	0.000	-	-	-	-	130.024
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	103.795	7.528	11.260	7.441	0.000	7.441	0.000	-	-	-	-	130.024
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>103.795</b>	<b>7.528</b>	<b>11.260</b>	<b>7.441</b>	<b>0.000</b>	<b>7.441</b>	<b>0.000</b>	-	-	-	-	<b>130.024</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The C-5M core mission computer (CMC) and weather radar (WxRadar) replacement program is a comprehensive permanent sustainment modification to mitigate the obsolescence of the current CMC and WxRadar. The program will modify a total of 52 aircraft and 8 trainers: 2 aircraft were modified during Engineering and Manufacturing Development and 50 during Production. This effort replaces the APS-133 WxRadar, resolving severe diminishing manufacturing source (DMS) issues, using the Rockwell Collins WXR-2100 commercial off-the-shelf WxRadar, which is common to other aircraft platforms, and provides the same capability as the APS-133. The effort also replaces the current core processing module (CPM) cards in the CMC with new Honeywell CPM II cards, providing additional processing speed and throughput capacity. The program should complete by end of Fiscal Year 2025 and will act as the processor baseline for all future modifications to the C-5M.

Milestone/Development Status

Development complete

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	6.638	8.660	5.341	-	5.341	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.890	2.600	2.100	-	2.100	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>7.528</b>	<b>11.260</b>	<b>7.441</b>	<b>0.000</b>	<b>7.441</b>	<b>0.000</b>	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3					<b>P-1 Line Item Number / Title:</b> C00500 / C-5					<b>Modification Number / Title:</b> 8967 / Mission Computer and Weather Radar			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-5M				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0401119F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401119F	2 / 97.080	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 97.080	
<b>Procurement</b>													
<b>Modification Item 1 of 1: CMC/WxRadar</b>													
A Kits													
Recurring													
CMC/WxRadar:INSTALL KITS Group A (Active)	34 / 4.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 4.186	
CMC/WxRadar:INSTALL KITS Group A (Reserve)	16 / 1.934	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 1.934	
<b>Subtotal: Recurring</b>	<b>- / 6.120</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 6.120</b>	
B Kits													
Recurring													
CMC/WxRadar:EQUIPMENT Group B (Active)	34 / 21.005	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 21.005	
CMC/WxRadar:EQUIPMENT Group B (Reserve)	16 / 9.822	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 9.822	
<b>Subtotal: Recurring</b>	<b>- / 30.827</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 30.827</b>	
<b>Subtotal: CMC/WxRadar</b>	<b>- / 36.947</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 36.947</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / 36.947</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 36.947</b>	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / 0.434	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.434	
MOD OF SPARES	- / 14.629	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.629	
SIM/TRAINER	8 / 18.916	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 18.916	
SUPPORT-EQUIP	- / 2.288	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.288	
PSC - Other Gov't Costs	- / 2.225	- / 0.790	- / 3.877	- / 1.421	- / -	- / 1.421	- / -	- / -	- / -	- / -	- / -	- / 8.313	
PSC - Contractor Services	- / 4.371	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.371	
A&AS	- / 15.496	- / 14.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.496	
OTHER GOVT	- / 1.148	- / 0.512	- / 2.183	- / 0.420	- / -	- / 0.420	- / -	- / -	- / -	- / -	- / -	- / 4.263	
ICS-Material	- / 10.093	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.093	
ICS-Labor	- / 10.373	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.373	
<b>Subtotal: Support</b>	<b>8 / 49.973</b>	<b>- / 5.302</b>	<b>- / 6.060</b>	<b>- / 1.841</b>	<b>- / -</b>	<b>- / 1.841</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>8 / 63.176</b>	
<b>Installation</b>													
<b>Modification Item 1 of 1: CMC/WxRadar</b>	<b>27 / 16.875</b>	<b>5 / 2.226</b>	<b>8 / 5.200</b>	<b>10 / 5.600</b>	<b>- / -</b>	<b>10 / 5.600</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>50 / 29.901</b>	
<b>Subtotal: Installation</b>	<b>27 / 16.875</b>	<b>5 / 2.226</b>	<b>8 / 5.200</b>	<b>10 / 5.600</b>	<b>- / -</b>	<b>10 / 5.600</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>50 / 29.901</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C00500 / C-5	<b>Modification Number / Title:</b> 8967 / Mission Computer and Weather Radar

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Models of Systems Affected:</b> C-5M	<b>Modification Type:</b> Other	<b>Related RDT&amp;E PEs:</b> 0401119F
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	103.795	7.528	11.260	7.441	0.000	7.441	0.000	-	-	-	-	130.024

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C00500 / C-5	<b>Modification Number / Title:</b> 8967 / Mission Computer and Weather Radar

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** CMC/WxRadar

**Manufacturer Information**

Manufacturer Name: Gauss management Research and Engineering, Inc	Manufacturer Location: Ogden, UT
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 15

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	27 / 16.875	5 / 2.226	8 / 5.200	10 / 5.600	- / -	10 / 5.600	- / -	- / -	- / -	- / -	- / -	50 / 29.901
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	27 / 16.875	5 / 2.226	8 / 5.200	10 / 5.600	- / -	10 / 5.600	- / -	- / -	- / -	- / -	- / -	50 / 29.901

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	27	-	5	-	-	2	4	1	1	4	3	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	50	
Out	13	3	4	3	3	3	3	4	3	3	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	50		

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0401130F	<b>Other Related Program Elements:</b> 0401130F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	535.364	133.779	140.560	103.306	-	103.306	139.078	140.810	181.645	209.181	-	1,583.723
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	535.364	133.779	140.560	103.306	-	103.306	139.078	140.810	181.645	209.181	-	1,583.723
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>535.364</b>	<b>133.779</b>	<b>140.560</b>	<b>103.306</b>	<b>-</b>	<b>103.306</b>	<b>139.078</b>	<b>140.810</b>	<b>181.645</b>	<b>209.181</b>	<b>-</b>	<b>1,583.723</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The four-engine C-17 is the only aircraft capable of routine delivery of outsize cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 36 litter patients or 18 standard 463-L pallets. The C-17 can perform the entire spectrum of airlift missions and is specifically designed to operate effectively and efficiently in both strategic and theater environments. Not only can the C-17 deliver outsize cargo to austere tactical environments, but it also reduces ground time during air and land operations.

Strategic Airlift provides essential flexibility when responding to contingencies on short notice anywhere in the world. It is a major element of America's national security strategy and constitutes the most responsive means of meeting mobility requirements. Specific tasks associated with the airlift mission include deployment, employment, sustaining support, retrograde, aeromedical evacuation, and combat redeployment. The C-17 will perform this airlift mission well into this century.

This funding includes Rapid Global Mobility (RGM) platform-related rapid prototyping and fielding activities executed under the authority of the National Defense Authorization Act 2016, Section 804, as amended. Such activities include, but are not limited to, roll-on/roll-off, carry-on/carry-off, and pod-based aircraft integrated support equipment, as well as other technical solutions supporting the full spectrum of the platforms RGM mission.

Filter Fire Mitigation redesigns the On-Board Inert Gas Generation System (OBIGGS) II Shutoff Valve to a failsafe closed condition, thus eliminating a safety-of-flight issue.

Funding may also be used to address Diminishing Manufacturing Sources (DMS) issues, obsolescence resolution, fuel efficiency and drag reduction improvements, cockpit situational awareness, command and control (radios), flight deck modernization/replacement, aircraft data bus maintenance initiatives, and structural enhancements.

In accordance with Section 1815 of the FY08 National Defense Authorization Act (P.L.110-181), these items are necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses and providing military support to civil authorities.

Funding for this exhibit is contained in PE 0401130F and 0401897F.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft					<b>P-1 Line Item Number / Title:</b> C01700 / C-17A					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):			<b>Program Elements for Code B Items:</b> 0401130F			<b>Other Related Program Elements:</b> 0401130F				
<b>Line Item MDAP/MAIS Code:</b> N/A										

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	118.532	93.804	74.115	-	74.115	133.059	105.952	181.486	209.181
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	11.372	30.994	20.218	-	20.218	4.780	19.596	0.052	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.875	15.762	8.973	-	8.973	1.239	15.262	0.107	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>133.779</b>	<b>140.560</b>	<b>103.306</b>	-	<b>103.306</b>	<b>139.078</b>	<b>140.810</b>	<b>181.645</b>	<b>209.181</b>



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft

**P-1 Line Item Number / Title:**  
C01700 / C-17A

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0401130F **Other Related Program Elements:** 0401130F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-17A				- / 362.753	- / 19.299	- / 4.124	- / 6.250	- / 0.000	- / 6.250
P-3a	3080 / Replacement Heads Up Display (RHUD) (Capability Improvement)			A	- / 155.613	- / 38.446	- / 35.136	- / 49.260	- / 0.000	- / 49.260
P-3a	9741 / Beyond Line of Sight (BLOS) (Capability Improvement)			B	- / 16.998	- / 76.034	- / 101.300	- / 47.796	- / 0.000	- / 47.796
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 535.364</b>	<b>- / 133.779</b>	<b>- / 140.560</b>	<b>- / 103.306</b>	<b>- / -</b>	<b>- / 103.306</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-17A				- / 17.479	- / 13.284	- / 120.497	- / 83.675	- / 0.000	- / 627.361
P-3a	3080 / Replacement Heads Up Display (RHUD) (Capability Improvement)			A	- / 11.555	- / 9.061	- / 0.000	- / 0.000	- / -	- / 299.071
P-3a	9741 / Beyond Line of Sight (BLOS) (Capability Improvement)			B	- / 110.044	- / 118.465	- / 61.148	- / 125.506	- / -	- / 657.291
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 139.078</b>	<b>- / 140.810</b>	<b>- / 181.645</b>	<b>- / 209.181</b>	<b>- / -</b>	<b>- / 1,583.723</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod 9751, 9751 - Aircraft Connectivity, is a new start.

FY25 efforts include Replacement Heads Up Display (RHUD), Beyond Line of Sight (BLOS), Filter Fire Mitigation, Training Systems, and Low-Cost Modifications.

The FY 2025 funding request was reduced by 6.106 million to account for the availability of prior year execution balances.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C01700 / C-17A **Aggregated Modification Items Title:** C-17A

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
.2000 / Pylon Stub FFLZ, FF, Translating Fairing			-	-	96.487	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
.2590 / ELT Frequency Change			-	-	5.182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
.2633 / MFOQA			-	-	14.070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1508 / IFF GATM			-	-	124.593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2901 / Automatic Dependent Surveillance - Broadcast Out (ADS-B Out)			-	-	83.887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6403 / Filter Fire Mitigation			-	-	3.434	-	-	0.122	-	-	1.336	-	-	2.400	-	-	-	-	2.400	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.122		-	1.336		-	2.400		-	-		-	2.400
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-
9740 / Fixed Installation Satellite Antenna (FISA)			-	-	7.079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9742 / C-17 Simulator Lateral Motion Maneuver Enhancement			-	-	1.438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9744 / C-17 Visual System Field of View			-	-	1.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9747 / C-17 Training System (Other Mods)			-	-	20.448	-	-	2.465	-	-	1.788	-	-	1.850	-	-	-	-	-	1.850
<i>Secondary Distribution</i>																				
AF				-	-		-	2.465		-	1.788		-	1.850		-	-		-	1.850
9748 / C-17 Training System (Training Mods)			-	-	-	-	-	9.112	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	9.112		-	-		-	-		-	-		-	-
9749 / C-17A Flight Deck Replacement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
9750 / Databus Collection and Analytics (DBCA)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Aggregated Modification Items Title:</b> C-17A
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9751 / 9751 - Aircraft Connectivity			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	
99999X / Low Cost Modifications			-	-	5.127	-	-	7.600	-	-	1.000	-	-	1.000	-	-	-	-	1.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	7.600	-	-	1.000	-	-	1.000	-	-	-	-	1.000	
<b>Total</b>			-	-	<b>362.753</b>	-	-	<b>19.299</b>	-	-	<b>4.124</b>	-	-	<b>6.250</b>	-	-	<b>0.000</b>	-	<b>6.250</b>	
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
_2000 / Pylon Stub FFLZ, FF, Translating Fairing			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96.487	
_2590 / ELT Frequency Change			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.182	
_2633 / MFOQA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.070	
1508 / IFF GATM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	124.593	
2901 / Automatic Dependent Surveillance - Broadcast Out (ADS-B Out)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83.887	
6403 / Filter Fire Mitigation			-	-	3.060	-	-	2.370	-	-	3.230	-	-	2.650	-	-	-	-	18.602	
<i>Secondary Distribution</i>																				
AF			-	-	1.538	-	-	0.849	-	-	3.071	-	-	2.650	-	-	-	-	-	
AFNG			-	-	1.522	-	-	0.715	-	-	0.052	-	-	-	-	-	-	-	-	
AFR			-	-	-	-	-	0.806	-	-	0.107	-	-	-	-	-	-	-	-	
9740 / Fixed Installation Satellite Antenna (FISA)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.079	
9742 / C-17 Simulator Lateral Motion Maneuver Enhancement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.438	
9744 / C-17 Visual System Field of View			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.008	
9747 / C-17 Training System (Other Mods)			-	-	1.909	-	-	2.661	-	-	2.000	-	-	-	-	-	-	-	33.121	
<i>Secondary Distribution</i>																				
AF			-	-	1.909	-	-	2.661	-	-	2.000	-	-	-	-	-	-	-	-	
9748 / C-17 Training System (Training Mods)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.112	

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C01700 / C-17A **Aggregated Modification Items Title:** C-17A

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9749 / C-17A Flight Deck Replacement			-	-	-	-	-	-	-	54.910	-	-	-	-	-	-	-	-	54.910	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	54.910	-	-	-	-	-	-	-	-	-	
9750 / Databus Collection and Analytics (DBCA)			-	-	8.000	-	-	2.000	-	2.000	-	-	-	-	-	-	-	-	12.000	
<i>Secondary Distribution</i>																				
AF			-	-	6.267	-	-	1.436	-	2.000	-	-	-	-	-	-	-	-	-	
AFNG			-	-	0.954	-	-	0.334	-	-	-	-	-	-	-	-	-	-	-	
AFR			-	-	0.779	-	-	0.230	-	-	-	-	-	-	-	-	-	-	-	
9751 / 9751 - Aircraft Connectivity			-	-	4.410	-	-	6.153	-	58.257	-	-	81.025	-	-	-	-	-	150.845	
<i>Secondary Distribution</i>																				
AF			-	-	4.410	-	-	6.153	-	58.257	-	-	81.025	-	-	-	-	-	-	
99999X / Low Cost Modifications			-	-	0.100	-	-	0.100	-	0.100	-	-	-	-	-	-	-	-	15.027	
<i>Secondary Distribution</i>																				
AF			-	-	0.100	-	-	0.100	-	0.100	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>17.479</b>	-	-	<b>13.284</b>	-	<b>120.497</b>	-	-	<b>83.675</b>	-	-	<b>0.000</b>	-	-	<b>627.361</b>	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
_2000 / Pylon Stub FFLZ, FF, Translating Fairing	C-17	Safety
_2590 / ELT Frequency Change	C-17	Capability Improvement
_2633 / MFOQA	C-17	Capability Improvement
1508 / IFF GATM	C-17	Capability Improvement
2901 / Automatic Dependent Surveillance - Broadcast Out (ADS-B Out)	C-17	Capability Improvement
6403 / Filter Fire Mitigation	C-17	Capability Improvement
9740 / Fixed Installation Satellite Antenna (FISA)	C-17	Capability Improvement
9742 / C-17 Simulator Lateral Motion Maneuver Enhancement	C-17	Other

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Aggregated Modification Items Title:</b> C-17A
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Item Number / Title	Models of Systems Affected	Modification Type
9744 / C-17 Visual System Field of View	C-17	Other
9747 / C-17 Training System (Other Mods)	C-17	Other
9748 / C-17 Training System (Training Mods)	c-17	Other
9749 / C-17A Flight Deck Replacement	No text provided.	No text provided.
9750 / Databus Collection and Analytics (DBCA)	C-17	Capability Improvement
9751 / 9751 - Aircraft Connectivity	C-17	Capability Improvement
99999X / Low Cost Modifications	C-17	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 3080 / Replacement Heads Up Display (RHUD)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	155.613	38.446	35.136	49.260	0.000	49.260	11.555	9.061	0.000	0.000	-	299.071
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	155.613	38.446	35.136	49.260	0.000	49.260	11.555	9.061	0.000	0.000	-	299.071
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>155.613</b>	<b>38.446</b>	<b>35.136</b>	<b>49.260</b>	<b>0.000</b>	<b>49.260</b>	<b>11.555</b>	<b>9.061</b>	<b>0.000</b>	<b>0.000</b>	-	<b>299.071</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort is for development, integration and installation of a Replacement Heads-Up Display (RHUD) onto the C-17 aircraft. Analysis indicates the current HUD, which is required to fly the C-17, is becoming unsupportable due to obsolescence. This effort will retrofit the C-17 fleet with an RHUD that is certified as a Primary Flight Reference, providing improved reliability, maintainability, and supportability, while providing growth to support future planned capability improvements. The total of 222 units will be sustainable for the planned life of the C-17 fleet. The RHUD retrofit will start and complete installs from FY 2021 through FY 2028 under the legacy Globemaster III Integrated Sustainment Program (GISP) and the current G3 contracts.

Projected allocations by component are subject to total force mission priorities and aircraft availability.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

The first RHUD was tested with RDT&E funding in FY 2018. The first production kitproof kits were purchased in FY 2019 and installed in FY 2021.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	27.512	23.967	24.512	-	24.512	8.791	4.915	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.497	8.693	15.775	-	15.775	2.304	3.224	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.437	2.476	8.973	-	8.973	0.460	0.922	-	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 3080 / Replacement Heads Up Display (RHUD)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	38.446	35.136	49.260	0.000	49.260	11.555	9.061	0.000	0.000

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3				<b>P-1 Line Item Number / Title:</b> C01700 / C-17A				<b>Modification Number / Title:</b> 3080 / Replacement Heads Up Display (RHUD)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-17				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401130F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401130F	- / 117.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 117.210	
<b>Procurement</b>													
<i>Modification Item 1 of 1: RHUD</i>													
A Kits													
Recurring													
RHUD:INSTALL KITS Group A (Active)	97 / 74.107	24 / 15.424	18 / 13.130	7 / 13.464	- / -	7 / 13.464	- / -	- / -	- / -	- / -	- / -	146 / 116.125	
RHUD:INSTALL KITS Group A (Guard)	22 / 15.046	10 / 6.425	10 / 6.620	8 / 14.162	- / -	8 / 14.162	- / -	- / -	- / -	- / -	- / -	50 / 42.253	
RHUD:INSTALL KITS Group A (Reserve)	18 / 12.382	2 / 1.285	2 / 1.324	4 / 7.592	- / -	4 / 7.592	- / -	- / -	- / -	- / -	- / -	26 / 22.583	
<i>Subtotal: Recurring</i>	- / 101.535	- / 23.134	- / 21.074	- / 35.218	- / -	- / 35.218	- / -	- / -	- / -	- / -	- / -	- / 180.961	
<i>Subtotal: RHUD</i>	- / 101.535	- / 23.134	- / 21.074	- / 35.218	- / -	- / 35.218	- / -	- / -	- / -	- / -	- / -	- / 180.961	
<i>Subtotal: Procurement, All Modification Items</i>	- / 101.535	- / 23.134	- / 21.074	- / 35.218	- / -	- / 35.218	- / -	- / -	- / -	- / -	- / -	- / 180.961	
<b>Support (All Modification Items)</b>													
SUPPORT-EQUIP	- / 6.004	- / 2.815	- / 2.147	- / 2.500	- / -	- / 2.500	- / 0.690	- / -	- / -	- / -	- / -	- / 14.156	
SIM/TRAINER	- / 4.614	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.614	
PMA - Other Gov't Costs	- / 31.240	- / 4.435	- / 3.622	- / 3.250	- / -	- / 3.250	- / 2.573	- / 1.921	- / -	- / -	- / -	- / 47.041	
<i>Subtotal: Support</i>	- / 41.858	- / 7.250	- / 5.769	- / 5.750	- / -	- / 5.750	- / 3.263	- / 1.921	- / -	- / -	- / -	- / 65.811	
<b>Installation</b>													
<i>Modification Item 1 of 1: RHUD</i>	48 / 12.220	35 / 8.062	36 / 8.293	36 / 8.292	- / -	36 / 8.292	36 / 8.292	31 / 7.140	- / -	- / -	- / -	222 / 52.299	
<i>Subtotal: Installation</i>	48 / 12.220	35 / 8.062	36 / 8.293	36 / 8.292	- / -	36 / 8.292	36 / 8.292	31 / 7.140	- / -	- / -	- / -	222 / 52.299	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>155.613</b>	<b>38.446</b>	<b>35.136</b>	<b>49.260</b>	<b>0.000</b>	<b>49.260</b>	<b>11.555</b>	<b>9.061</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>299.071</b>	



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 3080 / Replacement Heads Up Display (RHUD)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** RHUD

**Manufacturer Information**

Manufacturer Name: The Boeing Company	Manufacturer Location: Long Beach, Ca
Administrative Leadtime (in Months): 7	Production Leadtime (in Months): 17

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	May 2023	May 2024	May 2025				
Delivery Dates	Oct 2024	Oct 2025	Oct 2026				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	24 / 6.692	19 / 4.376	17 / 3.916	9 / 2.073	- / -	9 / 2.073	- / -	- / -	- / -	- / -	- / -	69 / 17.057
FY 2023	- / -	- / -	- / -	9 / 2.073	- / -	9 / 2.073	9 / 2.073	- / -	- / -	- / -	- / -	18 / 4.146
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.843	7 / 1.612	- / -	- / -	- / -	15 / 3.455
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.303	- / -	- / -	- / -	10 / 2.303
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	24 / 6.692	19 / 4.376	17 / 3.916	18 / 4.146	- / -	18 / 4.146	17 / 3.916	17 / 3.915	- / -	- / -	- / -	112 / 26.961

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	24	0	5	14	0	0	0	17	0	0	0	18	0	0	0	17	0	0	17	0	0	-	-	-	-	-	-	-	-	0	112
Out	20	4	4	5	5	5	5	5	4	3	5	4	4	5	4	5	5	3	5	4	4	4	-	-	-	-	-	-	-	0	112

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 3080 / Replacement Heads Up Display (RHUD)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** RHUD

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	24 / 5.528	16 / 3.686	19 / 4.377	9 / 2.073	- / -	9 / 2.073	- / -	- / -	- / -	- / -	- / -	68 / 15.664
FY 2023	- / -	- / -	- / -	9 / 2.073	- / -	9 / 2.073	9 / 2.073	- / -	- / -	- / -	- / -	18 / 4.146
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.303	5 / 1.152	- / -	- / -	- / -	15 / 3.455
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.073	- / -	- / -	- / -	9 / 2.073
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	24 / 5.528	16 / 3.686	19 / 4.377	18 / 4.146	- / -	18 / 4.146	19 / 4.376	14 / 3.225	- / -	- / -	- / -	110 / 25.338

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	24	0	4	12	0	0	0	19	0	0	0	18	0	0	0	19	0	0	14	0	0	-	-	-	-	-	-	-	-	0	110
Out	20	4	4	4	4	4	5	5	5	4	5	4	4	5	5	5	5	4	4	4	4	2	-	-	-	-	-	-	-	0	110

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 9741 / Beyond Line of Sight (BLOS)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	16.998	76.034	101.300	47.796	0.000	47.796	110.044	118.465	61.148	125.506	-	657.291
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	16.998	76.034	101.300	47.796	0.000	47.796	110.044	118.465	61.148	125.506	-	657.291
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>16.998</b>	<b>76.034</b>	<b>101.300</b>	<b>47.796</b>	<b>0.000</b>	<b>47.796</b>	<b>110.044</b>	<b>118.465</b>	<b>61.148</b>	<b>125.506</b>	-	<b>657.291</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Beyond Line-Of-Sight (BLOS) modernization modification is a development, integration, and retrofit program for C-17 communications. BLOS modifies and modernizes hardware and software for voice and data communications on the C-17.

The program will modify both integrated aircraft avionics as well as back-end mission communications and will utilize both military and commercial satellite systems to extend communication ranges. The current ACAT III program includes (1) replacement of the hardware/software used for commercial L-Band SATCOM communications utilized for Federal Aviation Administration (FAA) safety services, Controller Pilot Data Link Communications (CPDLC), Future Air Navigation System (FANS-1/A), Automatic Dependent Surveillance - Contract (ADS-C)), (2) modernization of ARC-210 radio to meet NSA cryptologic mandates and integrate new waveforms (Mobile User Objective System (MUOS), Second generation Anti-jam Tactical UHF Radio for NATO (SATURN), Integrated Waveform (IW)), and (3) modernization of the C-17 HF encryption device used for secure HF communications (KYV-5 replaced with KYV-5M).

The BLOS program includes support for program management, system engineering.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues. Project allocations by component are subject to total force mission priorities and aircraft availability.

Kits procured in Jan. 2024 to be delivered in Jan 2025.

Funds prior to FY 2024 procured component level items. Full kit procurement begins with FY 2025.

BLOS has an FAA mandate for Aero I of 31 Dec 2026.

BLOS has a Comm/Crypto NSA classified mandate.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Total of 85 ARC-210 Gen 6 radios shipsets (no SATCOM) procured in FY19-FY23.

85 SATCOM (no ARC-201 Gen 6 radios) will be procured in FY24 so that 85 complete kits can be installed in FY25.

A total of 222 kits will be procured. Total quantity in Funding section reflects a total of 307 due to component level buys in FY19-23.

Due to schedule slips installs planned and funded in FY24 will now occur in FY25.

Full kit installs will occur one year after kit procurement starting in FY25 and out.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 9741 / Beyond Line of Sight (BLOS)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

Milestone/Development Status

Program Preliminary Design Review (PDR) complete Oct 2020.  
 Program Critical Design Review (CDR) complete Mar 2021.  
 Initial Integrated Test occurred Jul 2022 - Oct 2022.  
 Retrofit contract award projected Mar 2024.  
 Follow on Flight Test projected Feb 2024-May 2024.  
 Retrofit Materials contract award projected Jan 2024.  
 Milestone C Review including final Technical Data Review projected Aug 2024.  
 Installation and Training contract award projected to award Mar 2024.  
 Final Installation on aircraft to scheduled to occur fourth quarter FY 2028.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	71.721	65.713	43.353	-	43.353	110.044	89.838	61.148	125.506
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.875	22.301	4.443	-	4.443	-	15.323	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.438	13.286	-	-	-	-	13.304	-	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>76.034</b>	<b>101.300</b>	<b>47.796</b>	<b>0.000</b>	<b>47.796</b>	<b>110.044</b>	<b>118.465</b>	<b>61.148</b>	<b>125.506</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3					<b>P-1 Line Item Number / Title:</b> C01700 / C-17A					<b>Modification Number / Title:</b> 9741 / Beyond Line of Sight (BLOS)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-17				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401130F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: BLOS</i>													
B Kits													
Recurring													
BLOS:EQUIPMENT Group B (Active)	9 / 8.503	44 / 7.907	49 / 23.024	49 / 36.281	- / -	49 / 36.281	82 / 61.910	- / -	- / -	- / -	- / -	233 / 137.625	
BLOS:EQUIPMENT Group B (Guard)	4 / 2.947	16 / 2.875	22 / 10.337	6 / 4.443	- / -	6 / 4.443	- / -	- / -	- / -	- / -	- / -	48 / 20.602	
BLOS:EQUIPMENT Group B (Reserve)	4 / 2.946	8 / 1.438	14 / 6.578	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 10.962	
<i>Subtotal: Recurring</i>	- / 14.396	- / 12.220	- / 39.939	- / 40.724	- / -	- / 40.724	- / 61.910	- / -	- / -	- / -	- / -	- / 169.189	
<i>Subtotal: BLOS</i>	- / 14.396	- / 12.220	- / 39.939	- / 40.724	- / -	- / 40.724	- / 61.910	- / -	- / -	- / -	- / -	- / 169.189	
<i>Subtotal: Procurement, All Modification Items</i>	- / 14.396	- / 12.220	- / 39.939	- / 40.724	- / -	- / 40.724	- / 61.910	- / -	- / -	- / -	- / -	- / 169.189	
<b>Support (All Modification Items)</b>													
PSC - Contractor Services	- / 2.602	- / 7.313	- / 6.660	- / 4.887	- / -	- / 4.887	- / 8.000	- / 10.045	- / 8.927	- / 9.373	- / -	- / 57.807	
SUPPORT-EQUIP	- / -	- / 56.501	- / 11.815	- / 11.269	- / -	- / 11.269	- / 12.129	- / 44.446	- / 49.845	- / 116.133	- / -	- / 282.138	
SIM/TRAINER	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.500	- / -	- / -	- / -	- / 8.500	
ICS-Labor	- / -	- / -	- / 2.332	- / 0.376	- / -	- / 0.376	- / 0.399	- / 0.423	- / -	- / -	- / -	- / 3.530	
ICS-Material	- / -	- / -	- / 0.040	- / 0.040	- / -	- / 0.040	- / 0.040	- / 0.040	- / -	- / -	- / -	- / 0.160	
PSC - Other Gov't Costs	- / -	- / -	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	
Type 1 Training	- / -	- / -	- / 1.200	- / 0.500	- / -	- / 0.500	- / 0.500	- / 0.500	- / -	- / -	- / -	- / 2.700	
<i>Subtotal: Support</i>	- / 2.602	- / 63.814	- / 23.547	- / 7.072	- / -	- / 7.072	- / 11.068	- / 63.954	- / 58.772	- / 125.506	- / -	- / 356.335	
<b>Installation</b>													
<i>Modification Item 1 of 1: BLOS</i>	- / -	- / -	65 / 37.814	- / -	- / -	- / -	67 / 37.066	84 / 54.511	6 / 2.376	- / -	- / -	222 / 131.767	
<i>Subtotal: Installation</i>	- / -	- / -	65 / 37.814	- / -	- / -	- / -	67 / 37.066	84 / 54.511	6 / 2.376	- / -	- / -	222 / 131.767	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>16.998</b>	<b>76.034</b>	<b>101.300</b>	<b>47.796</b>	<b>0.000</b>	<b>47.796</b>	<b>110.044</b>	<b>118.465</b>	<b>61.148</b>	<b>125.506</b>	<b>-</b>	<b>657.291</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C01700 / C-17A	<b>Modification Number / Title:</b> 9741 / Beyond Line of Sight (BLOS)
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** BLOS

**Manufacturer Information**

Manufacturer Name: Boeing	Manufacturer Location: Long Beach, CA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2023	Jan 2024	Jan 2025	Jan 2026			
Delivery Dates	Jun 2024	Jan 2025	Jan 2026	Jan 2027			

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	2 / 1.714	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.714
FY 2023	- / -	- / -	41 / 26.937	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 26.937
FY 2024	- / -	- / -	4 / 2.628	- / -	- / -	- / -	43 / 28.090	38 / 30.020	- / -	- / -	- / -	85 / 60.738
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 15.323	- / -	- / -	- / -	22 / 15.323
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	47 / 31.279	- / -	- / -	- / -	43 / 28.090	60 / 45.343	- / -	- / -	- / -	150 / 104.712

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
In	0	-	-	-	-	-	-	2	-	-	-	15	15	15	16	9	9	9	15	15	15	15	15	-	-	-	-	-	-	-	-	0	150
Out	0	-	-	-	-	-	-	-	2	-	-	15	15	15	16	9	9	9	9	15	15	15	15	15	-	-	-	-	-	-	-	0	150

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	15 / 5.446	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 5.446

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3		<b>P-1 Line Item Number / Title:</b> C01700 / C-17A
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

**Modification Item 1 of 1:** BLOS

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2023	- / -	- / -	3 / 1.089	- / -	- / -	- / -	24 / 8.976	- / -	- / -	- / -	- / -	27 / 10.065
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 9.168	6 / 2.376	- / -	- / -	30 / 11.544
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	18 / 6.535	- / -	- / -	- / -	24 / 8.976	24 / 9.168	6 / 2.376	- / -	- / -	72 / 27.055

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	6	6	6	-	-	-	-	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	0	72
Out	0	-	-	-	-	-	-	6	6	-	-	-	-	6	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	0	72

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft	<b>P-1 Line Item Number / Title:</b> C03200 / C-32A
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401314F	Other Related Program Elements: 0504314F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	245.744	4.068	19.060	6.422	-	6.422	0.010	0.010	0.010	0.010	-	275.334
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	245.744	4.068	19.060	6.422	-	6.422	0.010	0.010	0.010	0.010	-	275.334
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>245.744</b>	<b>4.068</b>	<b>19.060</b>	<b>6.422</b>	<b>-</b>	<b>6.422</b>	<b>0.010</b>	<b>0.010</b>	<b>0.010</b>	<b>0.010</b>	<b>-</b>	<b>275.334</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds all aircraft modifications for four (4) C-32A aircraft, a commercial derivative of the Boeing 757-200. The C-32A is a twin-engine, turboprop aircraft used to transport high-ranking United States government officials worldwide. The C-32 is expected to be in service until 2038, with an average of 14 years of service remaining. This funding may include emerging modification requirements to support Program Support Costs (PSC), Advisory and Assistance Services (A&AS), systems integration lab, trainers, equipment, other government costs, and Senior Leader Communications System modernization efforts.

Service bulletins and low cost modifications are necessary for continuing Federal Aviation Administration certification while improving flight safety, reliability, and maintainability of the C-32 fleet.

Crypto Modernization will replace the obsolescing Ultra High Frequency (UHF) Military Satellite Communication (SATCOM) System with a system that can connect to the Mobile User Objective System (MUOS) satellite constellation.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

The FY25 funding request was reduced by 0.700 million to account for the availability of prior year execution balances.

Funding for this exhibit is contained in PEs 0401314F and 0504314F.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.033	19.060	6.422	-	6.422	0.010	0.010	0.010
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.035	-	-	-	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft	<b>P-1 Line Item Number / Title:</b> C03200 / C-32A
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0401314F	<b>Other Related Program Elements:</b> 0504314F
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**Line Item MDAP/MAIS Code:** N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	4.068	19.060	6.422	-	6.422	0.010	0.010	0.010	0.010

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft

**P-1 Line Item Number / Title:**  
C03200 / C-32A

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401314F **Other Related Program Elements:** 0504314F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-32A				- / 245.744	- / 4.068	- / 12.110	- / 0.010	- / 0.000	- / 0.010
P-3a	1121 / Crypto Mod 1 (Capability Improvement)		B		- / -	- / -	- / 6.950	- / 6.412	- / 0.000	- / 6.412
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 245.744</b>	<b>- / 4.068</b>	<b>- / 19.060</b>	<b>- / 6.422</b>	<b>- / -</b>	<b>- / 6.422</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-32A				- / 0.010	- / 0.010	- / 0.010	- / 0.010	- / 0.000	- / 261.972
P-3a	1121 / Crypto Mod 1 (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / -	- / -	- / 13.362
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.010</b>	<b>- / 0.010</b>	<b>- / 0.010</b>	<b>- / 0.010</b>	<b>- / -</b>	<b>- / 275.334</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25: Funding is required for low cost mods, service bulletins, and Crypto Mod for four (4) C-32A aircraft.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C03200 / C-32A **Aggregated Modification Items Title:** C-32A

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1110 / Nitrogen Generation System			-	-	22.120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1116 / WIDEBAND SATCOM			-	-	179.246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1117 / CNS/ATM Compliance			-	-	14.857	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1119 / Crew Rest Seats			-	-	11.766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1120 / PNVC			-	-	-	-	-	-	-	11.655	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	11.655		-	-		-	-		-	
99999S / SERVICE BULLETINS			-	-	0.981	-	-	1.016	-	-	0.010	-	-	0.005	-	-	-	-	0.005	
<i>Secondary Distribution</i>																				
AF				-	-		-	1.016		-	0.010		-	0.005		-	-		0.005	
99999SG / 99999SG - Service Bulletins - C-32B			-	-	4.911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999X / Low Cost Modifications			-	-	0.019	-	-	1.017	-	-	0.445	-	-	0.005	-	-	-	-	0.005	
<i>Secondary Distribution</i>																				
AF				-	-		-	1.017		-	0.445		-	0.005		-	-		0.005	
99999XG / 99999XG - Low Cost Mods - C-32B			-	-	11.844	-	-	2.035	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AFNG				-	-		-	2.035		-	-		-	-		-	-		-	
<b>Total</b>			-	-	<b>245.744</b>	-	-	<b>4.068</b>	-	-	<b>12.110</b>	-	-	<b>0.010</b>	-	-	<b>0.000</b>	-	<b>0.010</b>	
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1110 / Nitrogen Generation System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.120	
1116 / WIDEBAND SATCOM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	179.246	
1117 / CNS/ATM Compliance			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.857	
1119 / Crew Rest Seats			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.766	
1120 / PNVC			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.655	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
99999S / SERVICE BULLETINS			-	-	0.005	-	-	0.005	-	-	0.005	-	-	0.005	-	-	-	-	2.032	

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C03200 / C-32A	<b>Aggregated Modification Items Title:</b> C-32A
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Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF			-		0.005	-		0.005	-		0.005	-		0.005	-		-		-	
99999SG / 99999SG - Service Bulletins - C-32B			-		-	-		-	-		-	-		-	-		-		-	4.911
99999X / Low Cost Modifications			-		0.005	-		0.005	-		0.005	-		0.005	-		-		-	1.506
<i>Secondary Distribution</i>																				
AF			-		0.005	-		0.005	-		0.005	-		0.005	-		-		-	-
99999XG / 99999XG - Low Cost Mods - C-32B			-		-	-		-	-		-	-		-	-		-		-	13.879
<i>Secondary Distribution</i>																				
AFNG			-		-	-		-	-		-	-		-	-		-		-	-
<b>Total</b>			-		<b>0.010</b>	-		<b>0.010</b>	-		<b>0.010</b>	-		<b>0.010</b>	-		<b>0.000</b>		<b>-</b>	<b>261.972</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
1110 / Nitrogen Generation System	C-32A	Other
1116 / WIDEBAND SATCOM	C-32A	Capability Improvement
1117 / CNS/ATM Compliance	C-32A	Capability Improvement
1119 / Crew Rest Seats	C-32A	Capability Improvement
1120 / PNVC	C-32A	Capability Improvement
99999S / SERVICE BULLETINS	C-32A	Capability Improvement
99999SG / 99999SG - Service Bulletins - C-32B	C-32B	Capability Improvement
99999X / Low Cost Modifications	C-32A	Capability Improvement
99999XG / 99999XG - Low Cost Mods - C-32B	C-32B	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C03200 / C-32A	<b>Modification Number / Title:</b> 1121 / Crypto Mod 1

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	6.950	6.412	0.000	6.412	0.000	0.000	0.000	-	-	13.362
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	6.950	6.412	0.000	6.412	0.000	0.000	0.000	-	-	13.362
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>6.950</b>	<b>6.412</b>	<b>0.000</b>	<b>6.412</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>13.362</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Crypto Modernization replaces an obsolescing Ultra High Frequency (UHF) Military Satellite Communication (SATCOM) System utilizing an ARC-210 Gen VI enabling the aircraft to connect to the Mobile User Objective System (MUOS) satellite constellation.

National Security Agency and DoD Chief Information Officer directed policy mandating cryptography modernization efforts. The UHF Military Satellite Communication (SATCOM) systems require upgrade and/or replacement due to impending end-of-life of the UHF Follow On (UFO) satellite constellation. The expected result should provide narrowband (NB) internet protocol based (IP), secure, global, beyond line-of-sight (BLOS) satellite voice (recognition quality) and data communication for National Senior Leader connectivity utilizing the MUOS satellite constellation and waveform.

FY25 funding is for four (4) C-32A installations starting in FY25.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

Commercial-off-the-shelf item with non-recurring engineering for integration.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	6.950	6.412	-	6.412	-	-	-	-
<b>Total:</b>									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	6.950	6.412	0.000	6.412	0.000	0.000	0.000	0.000

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3					<b>P-1 Line Item Number / Title:</b> C03200 / C-32A					<b>Modification Number / Title:</b> 1121 / Crypto Mod 1			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-32				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Crypto Mod 1</i>													
A Kits													
Recurring													
Crypto Mod 1:INSTALL KITS Group A (Active)													
	-	-	4 / 3.600	-	-	-	-	-	-	-	-	4 / 3.600	
<i>Subtotal: Recurring</i>													
	-	-	- / 3.600	-	-	-	-	-	-	-	-	- / 3.600	
B Kits													
Recurring													
Crypto Mod 1:EQUIPMENT Group B (Active)													
	-	-	4 / 2.000	-	-	-	-	-	-	-	-	4 / 2.000	
<i>Subtotal: Recurring</i>													
	-	-	- / 2.000	-	-	-	-	-	-	-	-	- / 2.000	
<i>Subtotal: Crypto Mod 1</i>													
	-	-	- / 5.600	-	-	-	-	-	-	-	-	- / 5.600	
<i>Subtotal: Procurement, All Modification Items</i>													
	-	-	- / 5.600	-	-	-	-	-	-	-	-	- / 5.600	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING													
	-	-	- / 1.000	-	-	-	-	-	-	-	-	- / 1.000	
PSC - Other Gov't Costs													
	-	-	-	-	10.050	-	-	10.050	-	-	-	-	
PMA - Contractor Services													
	-	-	-	10.350	-	10.049	-	-	-	-	-	-	
<i>Subtotal: Support</i>													
	-	-	-	11.350	-	10.099	-	-	-	-	-	-	
<b>Installation</b>													
<i>Modification Item 1 of 1: Crypto Mod 1</i>													
	-	-	-	4 / 6.313	-	4 / 6.313	-	-	-	-	-	4 / 6.313	
<i>Subtotal: Installation</i>													
	-	-	-	4 / 6.313	-	4 / 6.313	-	-	-	-	-	4 / 6.313	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>													
	-	-	6.950	6.412	0.000	6.412	0.000	0.000	0.000	0.000	-	13.362	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C03200 / C-32A	<b>Modification Number / Title:</b> 1121 / Crypto Mod 1
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Crypto Mod 1

**Manufacturer Information**

Manufacturer Name: L3 Harris Manufacturer Location: Greenville, TX

Administrative Leadtime (in Months): 0 Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Oct 2023					
Delivery Dates		Apr 2025					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	4 / 6.313	- / -	4 / 6.313	- / -	- / -	- / -	- / -	- / -	4 / 6.313
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	4 / 6.313	- / -	4 / 6.313	- / -	- / -	- / -	- / -	- / -	4 / 6.313

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
Out	0	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft	<b>P-1 Line Item Number / Title:</b> C03700 / C-37A
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0401314F	<b>Other Related Program Elements:</b> 0401314F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
<i>Procurement Quantity (Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Gross/Weapon System Cost (\$ in Millions)</i>	37.373	6.062	13.454	9.146	-	9.146	0.011	0.000	0.000	0.000	-	66.046
<i>Less PY Advance Procurement (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Net Procurement (P-1) (\$ in Millions)</i>	37.373	6.062	13.454	9.146	-	9.146	0.011	0.000	0.000	0.000	-	66.046
<i>Plus CY Advance Procurement (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>37.373</b>	<b>6.062</b>	<b>13.454</b>	<b>9.146</b>	<b>-</b>	<b>9.146</b>	<b>0.011</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>66.046</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

<i>Initial Spares (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Flyaway Unit Cost (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Gross/Weapon System Unit Cost (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to nine (9) C-37A and seven (7) C-37B aircraft, equivalent to commercial Gulfstream 5 and Gulfstream 550 aircraft. The C-37A/B is a twin-engine jet transport designed to transport high-ranking United States government officials worldwide. The designed service life for C-37B is 40,000 hours (average of 35,367 hours remaining). The designed service life for C-37A is 40,000 hours (average of 25,174 hours remaining). As the fleet nears the service life limits, additional evaluations are made for continued service.

Crypto Modernization will replace the obsolescing Ultra High Frequency (UHF) Military Satellite Communication (SATCOM) System with a system that can connect to the Mobile User Objective System (MUOS) satellite constellation.

Service bulletins and low cost modifications are necessary for continuing Federal Aviation Administration (FAA) certification while improving flight safety, reliability, and maintainability.

This funding may include, but is not limited to, emerging modification requirements to support Program Support Costs (PSC), Advisory & Assistance Services (A&AS), systems integration lab, trainers, equipment, other government costs, and Senior Leader Communications System modernization efforts.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

The FY25 funding request was reduced by 0.197 million to account for the availability of prior year execution balances.

Funding for this exhibit is contained in PE 0401314F.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft

**P-1 Line Item Number / Title:**  
C03700 / C-37A

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0401314F **Other Related Program Elements:** 0401314F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-37A				- / 37.373	- / 6.062	- / 2.475	- / 0.000	- / 0.000	- / 0.000
P-3a	1123 / Crypto Mod 1 (Capability Improvement)		B		- / -	- / -	- / 10.979	- / 9.146	- / 0.000	- / 9.146
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 37.373</b>	<b>- / 6.062</b>	<b>- / 13.454</b>	<b>- / 9.146</b>	<b>- / -</b>	<b>- / 9.146</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-37A				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 45.910
P-3a	1123 / Crypto Mod 1 (Capability Improvement)		B		- / 0.011	- / 0.000	- / 0.000	- / -	- / -	- / 20.136
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.011</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 66.046</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25: Funding is required for Crypto Mod for sixteen (16) C-37 aircraft.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 3 **P-1 Line Item Number / Title:** C03700 / C-37A **Aggregated Modification Items Title:** C-37A

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1117 / WIDEBAND SATCOM			-	-	12.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1118 / CNS/ATM Compliance			-	-	17.606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1122 / SAT 906			-	-	5.984	-	-	4.320	-	-	2.030	-	-	-	-	-	-	-	-	
99999S / SERVICE BULLETINS			-	-	0.100	-	-	1.000	-	-	0.005	-	-	-	-	-	-	-	-	
99999X / Low Cost Modifications			-	-	0.698	-	-	0.742	-	-	0.440	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>37.373</b>	-	-	<b>6.062</b>	-	-	<b>2.475</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1117 / WIDEBAND SATCOM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.985
1118 / CNS/ATM Compliance			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.606
1122 / SAT 906			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.334
99999S / SERVICE BULLETINS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.105
99999X / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.880
<b>Total</b>			-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>45.910</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
1117 / WIDEBAND SATCOM	C-37	Capability Improvement
1118 / CNS/ATM Compliance	C-37	Capability Improvement
1122 / SAT 906	C-37	Capability Improvement
99999S / SERVICE BULLETINS	C-37A, C-37B	Capability Improvement
99999X / Low Cost Modifications	C-37A, C-37B	Capability Improvement

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C03700 / C-37A	<b>Modification Number / Title:</b> 1123 / Crypto Mod 1
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	10.979	9.146	0.000	9.146	0.011	0.000	0.000	-	-	20.136
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	10.979	9.146	0.000	9.146	0.011	0.000	0.000	-	-	20.136
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	<b>10.979</b>	<b>9.146</b>	<b>0.000</b>	<b>9.146</b>	<b>0.011</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>20.136</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Crypto Modernization replaces an obsolescing Ultra High Frequency (UHF) Military Satellite Communication (SATCOM) System utilizing an ARC-210 Gen VI enabling the aircraft to connect to the Mobile User Objective System (MUOS) satellite constellation.

National Security Agency and DoD Chief Information Officer directed policy mandating cryptography modernization efforts. The UHF Military Satellite Communication (SATCOM) systems require upgrade and/or replacement due to impending end-of-life of the UHF Follow On (UFO) satellite constellation. The expected result should provide narrowband (NB) internet protocol based (IP), secure, global, beyond line-of-sight (BLOS) satellite voice (recognition quality) and data communication for National Senior Leader connectivity utilizing the MUOS satellite constellation and waveform.

FY25 funding is for sixteen (16) C-37 installations starting in FY25.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

Commercial-off-the-shelf item with non-recurring engineering for integration.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3				<b>P-1 Line Item Number / Title:</b> C03700 / C-37A					<b>Modification Number / Title:</b> 1123 / Crypto Mod 1			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> C-37				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1: Crypto Mod 1</i>												
A Kits												
Recurring												
Crypto Mod 1:INSTALL KITS Group A (Active)												
	-	-	16 / 7.200	-	-	-	-	-	-	-	-	16 / 7.200
<i>Subtotal: Recurring</i>												
	-	-	- / 7.200	-	-	-	-	-	-	-	-	- / 7.200
B Kits												
Recurring												
Crypto Mod 1:EQUIPMENT Group B (Active)												
	-	-	- / 2.000	-	-	-	-	-	-	-	-	- / 2.000
<i>Subtotal: Recurring</i>												
	-	-	- / 9.200	-	-	-	-	-	-	-	-	- / 9.200
<i>Subtotal: Procurement, All Modification Items</i>												
	-	-	- / 9.200	-	-	-	-	-	-	-	-	- / 9.200
<b>Support (All Modification Items)</b>												
GROUP A: TOTAL NONRECURRING												
	-	-	- / 1.000	-	-	-	-	-	-	-	-	- / 1.000
PSC - Other Gov't Costs												
	-	-	- / 0.039	- / 0.064	-	- / 0.064	-	-	-	-	-	- / 0.103
PSC - Contractor Services												
	-	-	- / 0.740	- / 0.082	-	- / 0.082	- / 0.011	-	-	-	-	- / 0.833
<i>Subtotal: Support</i>												
	-	-	- / 1.779	- / 0.146	-	- / 0.146	- / 0.011	-	-	-	-	- / 1.936
<b>Installation</b>												
<i>Modification Item 1 of 1: Crypto Mod 1</i>												
	-	-	-	16 / 9.000	-	16 / 9.000	-	-	-	-	-	16 / 9.000
<i>Subtotal: Installation</i>												
	-	-	-	16 / 9.000	-	16 / 9.000	-	-	-	-	-	16 / 9.000
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>												
	-	-	10.979	9.146	0.000	9.146	0.011	0.000	0.000	-	-	20.136

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 3	<b>P-1 Line Item Number / Title:</b> C03700 / C-37A	<b>Modification Number / Title:</b> 1123 / Crypto Mod 1
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Crypto Mod 1

**Manufacturer Information**

Manufacturer Name: ,	Manufacturer Location: Greenville, TX
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Oct 2023					
Delivery Dates		Apr 2025					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	16 / 9.000	- / -	16 / 9.000	- / -	- / -	- / -	- / -	- / -	16 / 9.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	16 / 9.000	- / -	16 / 9.000	- / -	- / -	- / -	- / -	- / -	16 / 9.000

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	16	
Out	0	-	-	-	-	-	-	-	-	-	-	-	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	0	16	

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft

**P-1 Line Item Number / Title:**  
GLID00 / Glider Mods

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0804748F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	6.449	0.149	5.270	2.679	-	2.679	0.159	0.163	0.166	0.169	0.000	15.204
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	6.449	0.149	5.270	2.679	-	2.679	0.159	0.163	0.166	0.169	0.000	15.204
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>6.449</b>	<b>0.149</b>	<b>5.270</b>	<b>2.679</b>	-	<b>2.679</b>	<b>0.159</b>	<b>0.163</b>	<b>0.166</b>	<b>0.169</b>	<b>0.000</b>	<b>15.204</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to the TG-15, TG-16 and TG-17 gliders, T-41, T-51, T-53 and UV-18 aircraft (a/c) used at the United States Air Force Academy (USAFA). Among gliders there are two TG-15A a/c and three TG-15B a/c which serve as cross-country trainers for USAFA cadets; 18 TG-16A a/c which serve as basic soaring trainers for cadets; and one TG-17 a/c which will serve as a future acrobatic trainer for cadets. Powered flight consists of four T-41D a/c which are used for pilot candidate screening and allows cadets to receive their first USAF flight check; three T-51A a/c used for cadet flight training and cadet collegiate flight competition; and 24 T-53A a/c which represent the backbone of the USAFA's Powered Flight training program where over 500 cadets participate annually. Three UV-18B aircraft support the USAFA cadet parachuting programs: Basic Freefall Parachuting, the Wings of Green, and the Wings of Blue. The primary effort in FY25 is Low Cost Modifications, which includes T-41 & T-51 avionics modification or recapitalization, T-53 performance enhancement, FAA Service Bulletins, Air Worthiness Directives, Program Support Costs, and studies and analysis.

T-53 performance enhancement (turbo-normalizer project) is a safety modification to address the class C mishap where a T-53 stalled and departed from the prepared surface while doing touch and go training. The T-53A does not meet Air Education and Training Command's (AETC) mission required climb gradient of 500 feet per minute (fpm) up to 10,000 feet density altitude (DA). Current direction restricts deployment until above 500' above ground level. In the event of an engine failure, the Pilot-in-Command (PIC) would not have a safe alternative available. The T-53 performance enhancement will also improve the safety window for aircraft parachute deployment. There are 24 aircraft in inventory and 24 will receive the modification between FY24-25.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Funding for this exhibit contained in PE 0804748F.

**Justification:**

FY25 Funding is required to ensure airworthiness of U.S. Air Force Academy aircraft and for low-cost modifications to extend service life, improve performance, and modernize the weapon systems.

The T-53 performance enhancement modification will procure and install 9 enhancement kits in FY25.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft	<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0604233F, 0804740F	Other Related Program Elements: 0604233F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	163.267	6.215	2.942	130.281	-	130.281	413.188	185.123	370.785	324.550	0.100	1,596.451
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	163.267	6.215	2.942	130.281	-	130.281	413.188	185.123	370.785	324.550	0.100	1,596.451
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>163.267</b>	<b>6.215</b>	<b>2.942</b>	<b>130.281</b>	<b>-</b>	<b>130.281</b>	<b>413.188</b>	<b>185.123</b>	<b>370.785</b>	<b>324.550</b>	<b>0.100</b>	<b>1,596.451</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

T-6 replaced the USAF T-37B and USN T-34C training aircraft and their associated ground based training systems. The T-6 aircraft provides significant improvements over the aircraft it replaced, including a 0/0 ejection seat which accommodates a larger anthropometric pilot population, a pressurized cockpit, gravitational-force (g-force) strain reduction capabilities, and increased birdstrike protection. There are currently 443 USAF T-6A aircraft [442 AETC A/C; one (1) USAF Owned, OEM Test A/C] in the inventory. Remaining service life is through Dec 2049.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding contained in this platform's documentation directly aids Air Education Training Command (AETC) flying training enterprise to continue its overall pilot production increase starting in FY 2021 thus reducing the USAF Pilot Shortage.

Funding for this exhibit contained in PE 0804740F.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D

The FY 2025 funding request was reduced by \$2.066 million to account for the availability of prior year execution balances.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft

**P-1 Line Item Number / Title:**  
JPAT00 / T-6

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0604233F, 0804740F **Other Related Program Elements:** 0604233F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	T-6				- / 156.746	- / 3.791	- / 2.842	- / 4.535	- / 0.000	- / 4.535
P-3a	9871 / T-6A Crash Survivable Recorder (Capability Improvement)		B		- / 6.521	- / 2.424	- / 0.100	- / 40.158	- / 0.000	- / 40.158
P-3a	9894 / Avionics Modernization (Reliability & Maintainability)		B		- / -	- / 0.000	- / 0.000	- / 85.588	- / 0.000	- / 85.588
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 163.267</b>	<b>- / 6.215</b>	<b>- / 2.942</b>	<b>- / 130.281</b>	<b>- / -</b>	<b>- / 130.281</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	T-6				- / 0.350	- / 0.350	- / 0.350	- / 0.350	- / 0.100	- / 169.414
P-3a	9871 / T-6A Crash Survivable Recorder (Capability Improvement)		B		- / 2.800	- / 0.000	- / 0.000	- / -	- / -	- / 52.003
P-3a	9894 / Avionics Modernization (Reliability & Maintainability)		B		- / 410.038	- / 184.773	- / 370.435	- / 324.200	- / -	- / 1,375.034
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 413.188</b>	<b>- / 185.123</b>	<b>- / 370.785</b>	<b>- / 324.550</b>	<b>- / 0.100</b>	<b>- / 1,596.451</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod 9894, Avionics Modernization, is a new start.

Primary efforts in FY25 include Avionics Replacement Program, Crash Survivable Recorder, T-6 Aircrew Training Device Modernization, Crew System Modernization, Service Bulletins, and Low Cost Modifications.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 4 **P-1 Line Item Number / Title:** JPAT00 / T-6 **Aggregated Modification Items Title:** T-6

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9873 / Canopy Fracture Initiation System			-	-	1.769	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9877 / Avionics Upgrades FAA Compliance			-	-	45.758	-	-	0.787	-	-	-	-	-	0.000	-	-	-	-	0.000	
9878 / Aircrew Training Device (ATD) Modernization			-	-	37.881	-	-	0.056	-	-	0.128	-	-	0.300	-	-	-	-	0.300	
9893 / Crew System Modernization Program			-	-	62.188	-	-	2.848	-	-	2.614	-	-	4.035	-	-	-	-	4.035	
99999S / SERVICE BULLETINS			-	-	-	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	0.100	
99999X / Low Cost Modifications			-	-	9.150	-	-	-	-	-	-	-	-	0.100	-	-	-	-	0.100	
<b>Total</b>			-	-	<b>156.746</b>	-	-	<b>3.791</b>	-	-	<b>2.842</b>	-	-	<b>4.535</b>	-	-	<b>0.000</b>	-	-	<b>4.535</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9873 / Canopy Fracture Initiation System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.769	
9877 / Avionics Upgrades FAA Compliance			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.545	
9878 / Aircrew Training Device (ATD) Modernization			-	-	0.150	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	38.965	
9893 / Crew System Modernization Program			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.685	
99999S / SERVICE BULLETINS			-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	0.800	
99999X / Low Cost Modifications			-	-	0.100	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	9.650	
<b>Total</b>			-	-	<b>0.350</b>	-	-	<b>0.350</b>	-	-	<b>0.350</b>	-	-	<b>0.350</b>	-	-	<b>0.100</b>	-	<b>169.414</b>	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
9873 / Canopy Fracture Initiation System	T-6A	Reliability & Maintainability
9877 / Avionics Upgrades FAA Compliance	T-6A	Reliability & Maintainability

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6	<b>Aggregated Modification Items Title:</b> T-6
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Item Number / Title	Models of Systems Affected	Modification Type
9878 / Aircrew Training Device (ATD) Modernization	T-6A	Capability Improvement
9893 / Crew System Modernization Program	T-6A	Capability Improvement
99999S / SERVICE BULLETINS	T-6A	Service Life Extension
99999X / Low Cost Modifications	T-6A	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6	<b>Modification Number / Title:</b> 9871 / T-6A Crash Survivable Recorder

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	6.521	2.424	0.100	40.158	0.000	40.158	2.800	0.000	0.000	-	-	52.003
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	6.521	2.424	0.100	40.158	0.000	40.158	2.800	0.000	0.000	-	-	52.003
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>6.521</b>	<b>2.424</b>	<b>0.100</b>	<b>40.158</b>	<b>0.000</b>	<b>40.158</b>	<b>2.800</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>52.003</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	0.000	0.000	-	0.000	0.000	0.000	-	-	0.000	0.000
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The justification/approval for the T-6A Crash Survivable Recorder (CSR) is documented on an Air Force Form 1067 signed by the Chief of Capability Requirements for Air Education and Training Command. The CSR modification corrects various deficiencies with the cockpit which impacts the effectiveness and efficiency of the aircraft's training capability in flight. The goal of the CSR is to provide the aircraft with a system that will meet the minimum crash survivable data collection capability as outlined in Air Force Instruction 63-133 Aircraft Information Program (Change 1, 04 November 2010) and Secretary of Defense Memorandum of 22 June 2006, Reducing Preventable Accidents. This effort includes engineering and contractor support/services and program support costs. Development effort (Middle Tier Rapid Prototype) began in FY20 and the prototyping effort completed 19 April 2023; Rapid Fielding (MTRF) declared a new start in FY23. All 443 USAF T-6A aircraft [442 AETC A/C; 1 USAF Owned, OEM Test A/C] in the inventory will receive this modification. Parts procurement will begin in October 2023.

**Milestone/Development Status**

Development effort began in FY20 and prototyping effort completed 19 April 2023.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4					<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6					<b>Modification Number / Title:</b> 9871 / T-6A Crash Survivable Recorder			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> T-6A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0604233F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Kits and Install</i>													
B Kits													
Recurring													
Kits and Install:EQUIPMENT Group B (Active)	65 / 6.521	25 / 1.859	- / -	352 / 31.536	- / -	352 / 31.536	- / -	- / -	- / -	- / -	- / -	442 / 39.916	
<i>Subtotal: Recurring</i>	- / 6.521	- / 1.859	- / -	- / 31.536	- / -	- / 31.536	- / -	- / -	- / -	- / -	- / -	- / 39.916	
<i>Subtotal: Kits and Install</i>	- / 6.521	- / 1.859	- / -	- / 31.536	- / -	- / 31.536	- / -	- / -	- / -	- / -	- / -	- / 39.916	
<i>Subtotal: Procurement, All Modification Items</i>	- / 6.521	- / 1.859	- / -	- / 31.536	- / -	- / 31.536	- / -	- / -	- / -	- / -	- / -	- / 39.916	
<b>Support (All Modification Items)</b>													
PSC - Other Gov't Costs	- / -	- / 0.484	- / 0.100	- / -	- / -	- / -	- / 0.700	- / -	- / -	- / -	- / -	- / 1.284	
SUPPORT-EQUIP <sup>(1)</sup>	- / -	- / 0.081	- / -	- / 0.516	- / -	- / 0.516	- / 0.306	- / -	- / -	- / -	- / -	- / 0.903	
OTHER GOVT	- / -	- / -	- / -	- / 0.256	- / -	- / 0.256	- / 0.263	- / -	- / -	- / -	- / -	- / 0.519	
<i>Subtotal: Support</i>	- / -	- / 0.565	- / 0.100	- / 0.772	- / -	- / 0.772	- / 1.269	- / -	- / -	- / -	- / -	- / 2.706	
<b>Installation</b>													
<i>Modification Item 1 of 1: Kits and Install</i>													
	0 / 0.000	0 / 0.000	0 / 0.000	352 / 7.850	- / -	352 / 7.850	90 / 1.531	- / -	- / -	- / -	- / -	442 / 9.381	
<i>Subtotal: Installation</i>	0 / -	0 / -	0 / -	352 / 7.850	- / -	352 / 7.850	90 / 1.531	- / -	- / -	- / -	- / -	442 / 9.381	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>6.521</b>	<b>2.424</b>	<b>0.100</b>	<b>40.158</b>	<b>0.000</b>	<b>40.158</b>	<b>2.800</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>52.003</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6	<b>Modification Number / Title:</b> 9871 / T-6A Crash Survivable Recorder
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Kits and Install

**Manufacturer Information**

Manufacturer Name: SRC	Manufacturer Location: Atlanta, GA
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Aug 2023		Oct 2024				
Delivery Dates	Feb 2024		Apr 2025				

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	0 / 0.000	- / -	65 / 0.000	- / -	65 / 0.000	- / -	- / -	- / -	- / -	- / -	65 / 0.000
FY 2023	- / -	- / -	0 / 0.000	25 / 2.050	- / -	25 / 2.050	- / -	- / -	- / -	- / -	- / -	25 / 2.050
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	262 / 5.800	- / -	262 / 5.800	90 / 1.531	- / -	- / -	- / -	- / -	352 / 7.331
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	0 / 0.000	0 / 0.000	0 / 0.000	352 / 7.850	- / -	352 / 7.850	90 / 1.531	- / -	- / -	- / -	- / -	442 / 9.381

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	112	120	120	40	40	10	0	-	-	-	-	-	-	-	-	-	-	-	-	0	442
Out	0	-	-	-	-	-	-	-	-	-	75	75	75	75	75	67	0	-	-	-	-	-	-	-	-	-	-	-	-	0	442

**Footnotes:**

(1) This Support Equipment costs are for software licenses (e.g. PGS Vision)(CLIN X005AX) for 36 MX laptops at the MOB locations

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6	<b>Modification Number / Title:</b> 9894 / Avionics Modernization

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	85.588	0.000	85.588	410.038	184.773	370.435	324.200	-	1,375.034
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	85.588	0.000	85.588	410.038	184.773	370.435	324.200	-	1,375.034
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>0.000</b>	<b>0.000</b>	<b>85.588</b>	<b>0.000</b>	<b>85.588</b>	<b>410.038</b>	<b>184.773</b>	<b>370.435</b>	<b>324.200</b>	-	<b>1,375.034</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 9894, Avionics Modernization, is a new start.

Current T-6A avionics are comprised of analog and 1st generation digital components which are increasingly by DMSMS resulting in reduced Aircraft Availability (AA) and increased life-cycle sustainment costs. The current federated nature of the avionics suite compounds engineering and integration costs of replacement components. No less than 23 components impacts by DMSMS will be replaced by the Avionics Replacement Program (ARP) to improve reliability, availability and reduce system sustainment costs, via a modern, integrated, open-system avionics suite. The ARP will address DMSMS issues, current T-6A FAA compliance issues and fulfill outstanding safety recommendations. Additionally, the ARP will prevent a decrease in Aircraft Availability to 50% in FY27 and unsupportable by FY30. The solution will be incorporated into all 444 AETC T-6A aircraft and 80 Ground Based Trainers (440 with APAF funding & four (4) with RDT&E).

Impact of not upgrading the T-6A fleet with ARP will be an significant decrease in aircraft availability (AA). The development and fielding of this capability will directly enhance the safety and reliability of the T-6A enterprise and the USAF Pilot Training Pipeline.

Milestone/Development Status

Market Research is completed and the ARP Acquisition Strategy has been approved. Currently ARP is in the Source Selection Phase.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4				<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6				<b>Modification Number / Title:</b> 9894 / Avionics Modernization					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> T-6A				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0604233F, 0804740F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0804740F	- / -	- / 7.585	2 / 39.085	3 / 35.929	- / -	3 / 35.929	- / -	- / -	- / -	- / -	- / -	5 / 82.599	
<b>Procurement</b>													
<i>Modification Item 1 of 1: PME, S&amp;D</i>													
B Kits													
Recurring													
PME, S&D: EQUIPMENT Group B (Active)	- / -	- / -	- / -	34 / 57.888	- / -	34 / 57.888	137 / 312.292	66 / 107.600	110 / 295.326	93 / 236.597	- / -	440 / 1,009.703	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 57.888	- / -	- / 57.888	- / 312.292	- / 107.600	- / 295.326	- / 236.597	- / -	- / 1,009.703	
<i>Subtotal: PME, S&amp;D</i>	- / -	- / -	- / -	- / 57.888	- / -	- / 57.888	- / 312.292	- / 107.600	- / 295.326	- / 236.597	- / -	- / 1,009.703	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 57.888	- / -	- / 57.888	- / 312.292	- / 107.600	- / 295.326	- / 236.597	- / -	- / 1,009.703	
<b>Support (All Modification Items)</b>													
Change Orders	- / -	- / -	- / -	- / 0.013	- / -	- / 0.013	- / 0.682	- / 0.209	- / 0.845	- / 0.641	- / -	- / 2.390	
A&AS	- / -	- / -	- / -	- / 1.281	- / -	- / 1.281	- / 1.691	- / 1.537	- / 1.574	- / 0.543	- / -	- / 6.626	
PSC - Contractor Services	- / -	- / -	- / -	- / 0.175	- / -	- / 0.175	- / 0.179	- / 0.184	- / 0.188	- / 0.096	- / -	- / 0.822	
SIM/TRAINER	- / -	- / -	- / -	- / -	- / -	- / -	- / 169.075	- / 131.563	- / 152.380	- / 120.421	- / -	- / 173.439	
OTHER GOVT	- / -	- / -	- / -	- / 26.026	- / -	- / 26.026	- / 5.792	- / 6.240	- / 6.712	- / 6.794	- / -	- / 51.564	
SUPPORT-EQUIP	- / -	- / -	- / -	- / 0.205	- / -	- / 0.205	- / 0.240	- / -	- / -	- / -	- / -	- / 0.445	
<i>Subtotal: Support</i>	- / -	- / -	- / -	- / 27.700	- / -	- / 27.700	- / 77.659	- / 39.733	- / 61.699	- / 28.495	- / -	- / 235.286	
<b>Installation</b>													
<i>Modification Item 1 of 1: PME, S&amp;D</i>	- / -	- / -	- / -	- / -	- / -	- / -	34 / 20.087	137 / 37.440	66 / 13.410	203 / 59.108	- / -	440 / 130.045	
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	34 / 20.087	137 / 37.440	66 / 13.410	203 / 59.108	- / -	440 / 130.045	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	0.000	0.000	85.588	0.000	85.588	410.038	184.773	370.435	324.200	-	1,375.034	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force											<b>Date:</b> March 2024																				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4						<b>P-1 Line Item Number / Title:</b> JPAT00 / T-6						<b>Modification Number / Title:</b> 9894 / Avionics Modernization																			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B											<b>MDAP/MAIS Code:</b>																				
<b>Modification Item 1 of 1:</b> PME, S&D																															
<b>Manufacturer Information</b>																															
Manufacturer Name: TBD											Manufacturer Location: TBD																				
Administrative Leadtime (in Months): 1											Production Leadtime (in Months): 8																				
<b>Dates</b>		<b>FY 2023</b>			<b>FY 2024</b>			<b>FY 2025</b>			<b>FY 2026</b>			<b>FY 2027</b>			<b>FY 2028</b>			<b>FY 2029</b>											
Contract Dates								Jul 2025			Jun 2026			Jun 2027			Jun 2028			Nov 2028											
Delivery Dates								Mar 2026			Feb 2027			Feb 2028			Feb 2029			Jul 2029											
<b>Installation Information</b>																															
<b>Method of Implementation:</b> Contract Field Team																															
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)															
Prior Years		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-			
FY 2023		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-			
FY 2024		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-			
FY 2025		-	/	-	-	/	-	-	/	-	-	/	-	34	/	20.087	-	/	-	-	/	-	-	/	-	-	/	-	34	/	20.087
FY 2026		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	137	/	37.440	-	/	-	-	/	-	137	/	37.440
FY 2027		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	66	/	13.410	-	/	-	-	/	-	66	/	13.410
FY 2028		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	110	/	32.029	-	/	-	110	/	32.029
FY 2029		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	93	/	27.079	-	/	-	93	/	27.079
To Complete		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-
Total		-	/	-	-	/	-	-	/	-	-	/	-	34	/	20.087	137	/	37.440	66	/	13.410	203	/	59.108	-	/	-	440	/	130.045
<b>Installation Schedule</b>																															
		<b>FY 2023</b>				<b>FY 2024</b>				<b>FY 2025</b>				<b>FY 2026</b>				<b>FY 2027</b>				<b>FY 2028</b>				<b>FY 2029</b>					
	<b>PYS</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>TC</b>	<b>Tot</b>
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	34	34	16	16	17	17	50	51	51	51	0	440
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	35	34	34	16	16	17	17	50	51	51	51	0	440

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft	<b>P-1 Line Item Number / Title:</b> T00100 / T-1
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0804741F	<b>Other Related Program Elements:</b> 0804742F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	93.547	6.262	10.950	2.205	-	2.205	0.137	0.140	3.577	3.648	-	120.466
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	93.547	6.262	10.950	2.205	-	2.205	0.137	0.140	3.577	3.648	-	120.466
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>93.547</b>	<b>6.262</b>	<b>10.950</b>	<b>2.205</b>	<b>-</b>	<b>2.205</b>	<b>0.137</b>	<b>0.140</b>	<b>3.577</b>	<b>3.648</b>	<b>-</b>	<b>120.466</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of the USAF Specialized Undergraduate Pilot Training (SUPT) and in Combat Systems Officer (CSO) training for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include Ultra High Frequency (UHF) and Very High Frequency (VHF) radios, Inertial Navigation System (INS), Tactical Air Navigation (TACAN), Airborne Direction Finder (ADF), and two Very High Frequency Omni Range/Instrument Landing System (VOR/ILS). Aircraft modified for CSO training include a Global Positioning System (GPS)-driven synthetic radar and simulated Radar Warning Receiver (RWR) in the right seat flight deck position to be utilized by the student CSO. A second student station and a second instructor station have also been added in the rear of the aircraft. The remaining fiscal years are critical for AETC to execute the Air Mobility Fundamentals-Simulators (AMF-S) mission under UPT 2.5.

Funding may be used to address Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues, Program Support Costs, and studies.

This line item completed the avionics modifications to the T-1A aircraft. This effort will install the 73 previously acquired modification kits into 52 SUPT aircraft and 21 CSO training-configured aircraft. The remaining 104 T-1A aircraft will not be modified due to the planned divestiture of the aircraft. Continued investments will acquire and install avionics modification kits to 16 Operational Flight Trainers (OFTs) and deliver 14 Part-Task Trainers (PTTs).

All 21 CSO aircraft plan to be divested in FY25. T-1A OFT and PTT will continue to be supported and will require modernization software upgrades. Training from divested CSO aircraft will be accomplished in 11 CSO Simulators funded in FY25.

Funding is required for the Execution of Federal Aviation Administration Service Bulletins (SBs), Airworthiness Directives (ADs), and Product Improvements as required/mandated.

To ensure airworthiness of T-1A aircraft, for low-cost modifications, maintaining training simulators and to extend the service life of the weapon system.

Funding for this exhibit contained in PE 0804741F & 0804742F.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft		<b>P-1 Line Item Number / Title:</b> T00100 / T-1
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0804741F	<b>Other Related Program Elements:</b> 0804742F
<b>Line Item MDAP/MAIS Code:</b> N/A		

**Justification:**  
FY25 funding is required for the execution of Federal Aviation Administration Service Bulletins (SBs), Airworthiness Directives (ADs), and Product Improvements as required/mandated.  
  
FY25 funding is required for 11 CSO Simulators to replace training from divested CSO aircraft.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft	<b>P-1 Line Item Number / Title:</b> T03800 / T-38
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0604233F, 0804741F	<b>Other Related Program Elements:</b> 0604233F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	461.062	89.385	125.340	115.486	-	115.486	82.398	96.737	99.014	156.432	1.360	1,227.214
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	461.062	89.385	125.340	115.486	-	115.486	82.398	96.737	99.014	156.432	1.360	1,227.214
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>461.062</b>	<b>89.385</b>	<b>125.340</b>	<b>115.486</b>	<b>-</b>	<b>115.486</b>	<b>82.398</b>	<b>96.737</b>	<b>99.014</b>	<b>156.432</b>	<b>1.360</b>	<b>1,227.214</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The T-38 is a twin-engine, two-seat (tandem), supersonic jet trainer. The T-38C is used by Air Education and Training Command (AETC) as an advanced trainer in Specialized Undergraduate Pilot Training and Introduction to Fighter Fundamentals, and by Air Force Materiel Command (AFMC) as a test bed for fighter-type aircraft capability. T-38A/B aircraft are used by Air Combat Command (ACC) as a companion trainer for U-2 operational units and in Adversary Air (ADAIR) exercises supporting F-22 readiness, and by Air Force Global Strike Command (AFGSC) as a companion trainer for B-2 operational units. There are currently 497 active T-38s in the Air Force inventory (53 T-38A, six (6) AT-38B and 438 T-38C). T-38s first entered service in 1960 and average age is over 50 years old.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues and modification projects required by MAJCOMs

Funding for this exhibit contained in PE 0804741F.

This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft

**P-1 Line Item Number / Title:**  
T03800 / T-38

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0604233F, 0804741F **Other Related Program Elements:** 0604233F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	T-38				- / 17.269	- / 26.408	- / 0.511	- / 0.011	- / 0.000	- / 0.011
P-3a	6088 / Pacer Classic III (Service Life Extension)		A		- / 313.168	- / 41.096	- / 37.932	- / 37.646	- / 0.000	- / 37.646
P-3a	6090 / T-38 Avionics (Reliability & Maintainability)		B		- / 117.527	- / 4.664	- / 54.802	- / 27.336	- / 0.000	- / 27.336
P-3a	6091 / Talon Repair, Inspection and Maintenance (Reliability & Maintainability)		A		- / 13.098	- / 17.217	- / 32.095	- / 50.493	- / 0.000	- / 50.493
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 461.062</b>	<b>- / 89.385</b>	<b>- / 125.340</b>	<b>- / 115.486</b>	<b>- / -</b>	<b>- / 115.486</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	T-38				- / 0.011	- / 0.011	- / 0.011	- / 0.011	- / 0.000	- / 44.243
P-3a	6088 / Pacer Classic III (Service Life Extension)		A		- / 6.533	- / 14.800	- / -	- / -	- / -	- / 451.175
P-3a	6090 / T-38 Avionics (Reliability & Maintainability)		B		- / 7.507	- / 0.000	- / 0.000	- / 0.000	- / -	- / 211.836
P-3a	6091 / Talon Repair, Inspection and Maintenance (Reliability & Maintainability)		A		- / 68.347	- / 81.926	- / 99.003	- / 156.421	- / 1.360	- / 519.960
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 82.398</b>	<b>- / 96.737</b>	<b>- / 99.014</b>	<b>- / 156.432</b>	<b>- / 1.360</b>	<b>- / 1,227.214</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
T-38 structural modernization programs include the Pacer Classic III (PCIII) service life extension and the Talon Repair, Inspection, and Maintenance (TRIM) program. Full funding of these efforts is required to ensure that the T-38 fleet remains viable as a primary training platform until a replacement aircraft is fielded.

Procurement of T-38 avionics components is focused on modifications needed to overcome part obsolescence, aging of critical components, and emerging safety concerns. Projects include but are not limited to replacements to the T-38C fleet for the Electronic Engine Display (EED), Multi-Function Display (MFD), Video Data Transfer Unit (VDTU), and Head-Up Display Camera (HUDC), which are DMSMS projects that are necessary to keep T-38C serviceable for training requirements beyond March 2026.

The FY 2025 funding request was reduced by 3.00 million to account for the availability of prior year execution balances.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 4 **P-1 Line Item Number / Title:** T03800 / T-38 **Aggregated Modification Items Title:** T-38

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
6092 / T-38 A/B ADS-B Out			-	-	8.269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6093 / T-38 Canopy			-	-	3.917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6094 / T-38A/B ESUP II			-	-	5.000	-	-	26.408	-	-	-	-	-	-	-	-	-	-	-	
99999A / LOW COST SAFETY MODIFICATIONS			-	-	0.034	-	-	-	-	-	-	-	0.005	-	-	-	-	-	0.005	
99999X / Low Cost Modifications			-	-	0.049	-	-	-	-	0.511	-	-	0.006	-	-	-	-	-	0.006	
<b>Total</b>			-	-	17.269	-	-	26.408	-	-	0.511	-	-	0.011	-	-	0.000	-	-	0.011

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
6092 / T-38 A/B ADS-B Out			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.269	
6093 / T-38 Canopy			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.917	
6094 / T-38A/B ESUP II			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.408	
99999A / LOW COST SAFETY MODIFICATIONS			-	-	0.005	-	-	0.005	-	-	0.005	-	-	0.005	-	-	-	-	0.059	
99999X / Low Cost Modifications			-	-	0.006	-	-	0.006	-	-	0.006	-	-	0.006	-	-	-	-	0.590	
<b>Total</b>			-	-	0.011	-	-	0.011	-	-	0.011	-	-	0.011	-	-	0.000	-	-	44.243

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
6092 / T-38 A/B ADS-B Out	T-38	Reliability & Maintainability
6093 / T-38 Canopy	T03800	Safety
6094 / T-38A/B ESUP II	T-38	Safety
99999A / LOW COST SAFETY MODIFICATIONS	T-38	Safety
99999X / Low Cost Modifications	T-38	Service Life Extension

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> T03800 / T-38	<b>Modification Number / Title:</b> 6088 / Pacer Classic III

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	313.168	41.096	37.932	37.646	0.000	37.646	6.533	14.800	-	-	-	451.175
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	313.168	41.096	37.932	37.646	0.000	37.646	6.533	14.800	-	-	-	451.175
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>313.168</b>	<b>41.096</b>	<b>37.932</b>	<b>37.646</b>	<b>0.000</b>	<b>37.646</b>	<b>6.533</b>	<b>14.800</b>	-	-	-	<b>451.175</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Pacer Classic III (PCIII) is a depot-level modification program which replaces known life-limited components and ensures structural sustainment of 178 T-38C aircraft which are otherwise at high risk of grounding. Timely modifications will ensure continued execution of the Air Education and Training Command (AETC) advanced undergraduate pilot training mission. PCIII will replace major structural components within the aircraft fuselage including major longerons, bulkhead/formers, internal skins, and structural floors. These modifications have been categorized as Safety of Flight and determined by HQ Air Force Materiel Command (AFMC) to be required to correct materiel deficiencies to ensure safety of personnel, systems, or equipment. If uncorrected, the structural performance risk will ground the system or equipment, restrict flight or ground operations, or result in an unacceptable risk to personnel. PCIII installations are being performed by 575 AMXS at JBSA-Randolph, Texas.

This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

Production and deployment underway.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4					<b>P-1 Line Item Number / Title:</b> T03800 / T-38					<b>Modification Number / Title:</b> 6088 / Pacer Classic III			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> T-38				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Aircraft Modification Kits</i>													
A Kits													
Recurring													
Aircraft Modification Kits:INSTALL KITS Group A (Active)	180 / 56.753	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 56.753	
<i>Subtotal: Recurring</i>	- / 56.753	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 56.753	
<i>Subtotal: Aircraft Modification Kits</i>	- / 56.753	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 56.753	
<i>Subtotal: Procurement, All Modification Items</i>	- / 56.753	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 56.753	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	0 / 17.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 17.791	
Data	- / 11.227	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.227	
SUPPORT-EQUIP	- / 0.031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.031	
OTHER GOVT	- / 13.506	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.800	- / -	- / -	- / -	- / 28.306	
PSC - Contractor Services	- / 4.820	- / 2.682	- / 0.900	- / 0.050	- / -	- / 0.050	- / 0.138	- / -	- / -	- / -	- / -	- / 8.590	
PSC - Other Gov't Costs	- / 1.239	- / 2.308	- / 0.050	- / 5.500	- / -	- / 5.500	- / 1.500	- / -	- / -	- / -	- / -	- / 10.597	
<i>Subtotal: Support</i>	0 / 48.614	- / 4.990	- / 0.950	- / 5.550	- / -	- / 5.550	- / 1.638	- / 14.800	- / -	- / -	- / -	0 / 76.542	
<b>Installation</b>													
<i>Modification Item 1 of 1: Aircraft Modification Kits</i>	130 / 207.801	13 / 36.106	18 / 36.982	16 / 32.096	- / -	16 / 32.096	3 / 4.895	- / -	- / -	- / -	- / -	180 / 317.880	
<i>Subtotal: Installation</i>	130 / 207.801	13 / 36.106	18 / 36.982	16 / 32.096	- / -	16 / 32.096	3 / 4.895	- / -	- / -	- / -	- / -	180 / 317.880	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>313.168</b>	<b>41.096</b>	<b>37.932</b>	<b>37.646</b>	<b>0.000</b>	<b>37.646</b>	<b>6.533</b>	<b>14.800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>451.175</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> T03800 / T-38	<b>Modification Number / Title:</b> 6088 / Pacer Classic III
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Aircraft Modification Kits

**Manufacturer Information**

Manufacturer Name: CPI Aero	Manufacturer Location: Edgewood, NY
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 30

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	130 / 207.801	13 / 36.106	18 / 36.982	16 / 32.096	- / -	16 / 32.096	3 / 4.895	- / -	- / -	- / -	- / -	180 / 317.880
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	130 / 207.801	13 / 36.106	18 / 36.982	16 / 32.096	- / -	16 / 32.096	3 / 4.895	- / -	- / -	- / -	- / -	180 / 317.880

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	130	2	1	5	5	5	4	5	4	3	4	4	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	180
Out	109	4	5	4	4	4	5	4	5	4	5	4	5	4	5	5	4	-	-	-	-	-	-	-	-	-	-	-	-	0	180

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> T03800 / T-38	<b>Modification Number / Title:</b> 6090 / T-38 Avionics

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	117.527	4.664	54.802	27.336	0.000	27.336	7.507	0.000	0.000	0.000	-	211.836
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	117.527	4.664	54.802	27.336	0.000	27.336	7.507	0.000	0.000	0.000	-	211.836
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>117.527</b>	<b>4.664</b>	<b>54.802</b>	<b>27.336</b>	<b>0.000</b>	<b>27.336</b>	<b>7.507</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>211.836</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

T-38 Avionics work consists of two major programs, the T-38C Terminal Avionics Replacement Program (TARP), and the T-38A/B Low-cost Avionics Modification Program (LAMP), described below.

TARP develops replacements for four T-38C avionics components facing obsolescence. Failure to fund this effort will result in fleet-wide T-38C non-serviceability starting in Apr 2026. TARP includes, but is not limited to:

1-2. Electronic Engine Display (EED) and Multi-Function Display (MFD) (T-38C Displays): Without a replacement, T-38C aircraft will be grounded once the repair contract for EED and MFD expires in Mar 2026.

3-4. Video Data Transfer Unit (VDTU) and Head-Up Display Camera (HUDC) (T-38C Recording Devices): Compact Flash Cards that record flight data are no longer procurable. Without a functioning VDTU, the T-38C will be unsuitable for training purposes, with no ability to record flight data. Without a replacement, the current HUDC will no longer function after the repair contract expires in Mar 2026. The HUDC is essential to the T-38C training mission, as a critical tool for student/instructor feedback.

5. LAMP addresses high failure rates in T-38A/B navigation system components, which are currently causing a safety risk to pilot spatial orientation. Flight restrictions associated with this risk are impacting F-22, U-2, and B-2 readiness. Planned component replacements include, but are not limited to, the Attitude Director Indicator and the Horizontal Situation Indicator. Failure to fund this effort will result in ongoing safety risk for the T-38A/B fleet, and increased impact to F-22, U-2, and B-2 readiness. LAMP will replace the current Attitude Director Indicator (ADI) and Horizontal Situation Indicator (HSI), which have low Mean Times Between Failure (MTBF). Ongoing LAMP activity may either refurbish or replace other navigation components, to include the Attitude Gyro Control Assembly, Rate Switching Gyro, Rate Gyro Transmitter, Servo-Amplifier, and Flight Director Computer.

All T-38 Avionics modifications' (T-38C EED, MFD, VDTU, and HUD Camera; plus T-38A/B ADI and HSI) method of implementation are organic/intermediate. A field-level install by organic personnel. The T-38 program office provides organic engineering support to the T-38 fleet, and has suitable expertise to develop and issue tech data associated with these installs, negating any need for a Contractor Field Team or similar.

This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

TARP and LAMP components are in varying stages of development, with procurement starting as soon as development is complete. EED and MFD long-lead procurement started in late FY23, while VDTU and HUDC are planned for production start in FY24.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4					<b>P-1 Line Item Number / Title:</b> T03800 / T-38					<b>Modification Number / Title:</b> 6090 / T-38 Avionics			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> T-38				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0604233F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0604233F	- / 7.691	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.691	
<b>Procurement</b>													
<b>Modification Item 1 of 5: Electronic Engine Display (EED)</b>													
B Kits													
Recurring													
Electronic Engine Display (EED):EQUIPMENT Group B (Active)	- / -	37 / 1.075	709 / 35.064	161 / 7.368	- / -	161 / 7.368	- / -	- / -	- / -	- / -	- / -	907 / 43.507	
<i>Subtotal: Recurring</i>	- / -	- / 1.075	- / 35.064	- / 7.368	- / -	- / 7.368	- / -	- / -	- / -	- / -	- / -	- / 43.507	
<i>Subtotal: Electronic Engine Display (EED)</i>	- / -	- / 1.075	- / 35.064	- / 7.368	- / -	- / 7.368	- / -	- / -	- / -	- / -	- / -	- / 43.507	
<b>Modification Item 2 of 5: LAMP</b>													
B Kits													
Recurring													
LAMP:EQUIPMENT Group B (Active)	56 / 6.514	16 / 2.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 8.697	
<i>Subtotal: Recurring</i>	- / 6.514	- / 2.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.697	
<i>Subtotal: LAMP</i>	- / 6.514	- / 2.183	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.697	
<b>Modification Item 3 of 5: Multi-Function Display (MFD)</b>													
B Kits													
Recurring													
Multi-Function Display (MFD):EQUIPMENT Group B (Active)	- / -	37 / 1.062	389 / 18.242	161 / 7.368	- / -	161 / 7.368	- / -	- / -	- / -	- / -	- / -	587 / 26.672	
<i>Subtotal: Recurring</i>	- / -	- / 1.062	- / 18.242	- / 7.368	- / -	- / 7.368	- / -	- / -	- / -	- / -	- / -	- / 26.672	
<i>Subtotal: Multi-Function Display (MFD)</i>	- / -	- / 1.062	- / 18.242	- / 7.368	- / -	- / 7.368	- / -	- / -	- / -	- / -	- / -	- / 26.672	
<b>Modification Item 4 of 5: Speed Brake Indicator</b>													
B Kits													
Recurring													
Speed Brake Indicator:EQUIPMENT Group B (Active)	- / -	- / -	- / -	57 / 1.684	- / -	57 / 1.684	- / -	- / -	- / -	- / -	- / -	57 / 1.684	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 1.684	- / -	- / 1.684	- / -	- / -	- / -	- / -	- / -	- / 1.684	
<i>Subtotal: Speed Brake Indicator</i>	- / -	- / -	- / -	- / 1.684	- / -	- / 1.684	- / -	- / -	- / -	- / -	- / -	- / 1.684	
<b>Modification Item 5 of 5: Video Data Transfer Unit/Hud Camera</b>													

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4				<b>P-1 Line Item Number / Title:</b> T03800 / T-38						<b>Modification Number / Title:</b> 6090 / T-38 Avionics		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> T-38				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0604233F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
B Kits												
Recurring												
Video Data Transfer Unit/Hud Camera:EQUIPMENT Group B (Active)	- / -	- / -	- / -	176 / 10.066	- / -	176 / 10.066	88 / 6.820	- / -	- / -	- / -	- / -	264 / 16.886
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 10.066	- / -	- / 10.066	- / 6.820	- / -	- / -	- / -	- / -	- / 16.886
<i>Subtotal: Video Data Transfer Unit/Hud Camera</i>	- / -	- / -	- / -	- / 10.066	- / -	- / 10.066	- / 6.820	- / -	- / -	- / -	- / -	- / 16.886
<i>Subtotal: Procurement, All Modification Items</i>	- / 6.514	- / 4.320	- / 53.306	- / 26.486	- / -	- / 26.486	- / 6.820	- / -	- / -	- / -	- / -	- / 97.446
<b>Support (All Modification Items)</b>												
A&AS	- / 0.251	- / 0.344	- / 1.446	- / 0.800	- / -	- / 0.800	- / 0.637	- / -	- / -	- / -	- / -	- / 3.478
PSC - Other Gov't Costs	- / 0.019	- / -	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.169
OTHER GOVT	- / 110.305	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 110.305
PSC - Contractor Services	- / 0.438	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.438
<i>Subtotal: Support</i>	- / 111.013	- / 0.344	- / 1.496	- / 0.850	- / -	- / 0.850	- / 0.687	- / -	- / -	- / -	- / -	- / 114.390
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>117.527</b>	<b>4.664</b>	<b>54.802</b>	<b>27.336</b>	<b>0.000</b>	<b>27.336</b>	<b>7.507</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>211.836</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4			<b>P-1 Line Item Number / Title:</b> T03800 / T-38			<b>Modification Number / Title:</b> 6090 / T-38 Avionics	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 5:</b> Electronic Engine Display (EED)							
<b>Manufacturer Information</b>							
Manufacturer Name: Boeing Company				Manufacturer Location: St. Louis, MO			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Mar 2024	Mar 2024	Mar 2025				
Delivery Dates	Mar 2025	Mar 2025	Mar 2026				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 907	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4			<b>P-1 Line Item Number / Title:</b> T03800 / T-38			<b>Modification Number / Title:</b> 6090 / T-38 Avionics	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 5:</b> LAMP							
<b>Manufacturer Information</b>							
Manufacturer Name: Boeing Company				Manufacturer Location: St. Louis, MO			
Administrative Leadtime (in Months): 9				Production Leadtime (in Months): 2			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Jul 2023						
Delivery Dates	Sep 2023						
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 72		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4			<b>P-1 Line Item Number / Title:</b> T03800 / T-38		<b>Modification Number / Title:</b> 6090 / T-38 Avionics		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>			
<b>Modification Item 3 of 5:</b> Multi-Function Display (MFD)							
<b>Manufacturer Information</b>							
Manufacturer Name: Boeing Company				Manufacturer Location: St. Louis, MO			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Mar 2024	Mar 2024	Mar 2025				
Delivery Dates	Mar 2025	Mar 2025	Mar 2026				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 587		



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4			<b>P-1 Line Item Number / Title:</b> T03800 / T-38			<b>Modification Number / Title:</b> 6090 / T-38 Avionics	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 4 of 5:</b> Speed Brake Indicator							
<b>Manufacturer Information</b>							
Manufacturer Name: KBR				Manufacturer Location: Houston, TX			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Mar 2025				
Delivery Dates			Mar 2026				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 57	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4			<b>P-1 Line Item Number / Title:</b> T03800 / T-38			<b>Modification Number / Title:</b> 6090 / T-38 Avionics	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 5 of 5:</b> Video Data Transfer Unit/Hud Camera							
<b>Manufacturer Information</b>							
Manufacturer Name: Boeing				Manufacturer Location: St. Louis, MO			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Apr 2025	Apr 2026			
Delivery Dates			Apr 2026	Apr 2027			
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 264		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> T03800 / T-38	<b>Modification Number / Title:</b> 6091 / Talon Repair, Inspection and Maintenance

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	13.098	17.217	32.095	50.493	0.000	50.493	68.347	81.926	99.003	156.421	1.360	519.960
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	13.098	17.217	32.095	50.493	0.000	50.493	68.347	81.926	99.003	156.421	1.360	519.960
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>13.098</b>	<b>17.217</b>	<b>32.095</b>	<b>50.493</b>	<b>0.000</b>	<b>50.493</b>	<b>68.347</b>	<b>81.926</b>	<b>99.003</b>	<b>156.421</b>	<b>1.360</b>	<b>519.960</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Talon Repair, Inspection, and Maintenance (TRIM) is a depot-level modification program which replaces or repairs critical structural items that are subject to time-based degradation. TRIM will be fielded to the complete T-38A/B fleet, and select T-38C aircraft. Of the T-38s to be modified, the T-38A/Bs lack the structural modifications made during the Propulsion Modernization Program (PMP) and the T-38Cs lack the structural modifications made during PCIII. Extended service requirements and continued utilization of these T-38A/B/C aircraft drive the need to correct material deficiencies and fatigue damage to key parts such as upper/lower center longerons, formers/bulkheads, and vertical stabilizer attach angles, and many other parts. These modifications will ensure fleet viability and airworthiness through the required T-38 retirement/divestiture dates. If uncorrected, the structural performance risk may result in aircraft groundings, flight restrictions, more frequent inspection intervals, and/or an unacceptable risk to personnel.

A portion of TRIM procurement funding may be used to expand facilities at Randolph AFB, TX as the primary source of repair and at other locations as required and appropriate for additional aircraft hangar space, maintenance stands, and other depot equipment.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

Production and deployment underway.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4				<b>P-1 Line Item Number / Title:</b> T03800 / T-38				<b>Modification Number / Title:</b> 6091 / Talon Repair, Inspection and Maintenance					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> T-38				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Install Kit													
A Kits													
Recurring													
Install Kit:INSTALL KITS Group A (Active)	44 / 9.537	127 / 10.754	50 / 6.716	60 / 7.566	- / -	60 / 7.566	- / -	- / -	- / -	- / -	- / -	281 / 34.573	
<i>Subtotal: Recurring</i>	- / 9.537	- / 10.754	- / 6.716	- / 7.566	- / -	- / 7.566	- / -	- / -	- / -	- / -	- / -	- / 34.573	
<i>Subtotal: Install Kit</i>	- / 9.537	- / 10.754	- / 6.716	- / 7.566	- / -	- / 7.566	- / -	- / -	- / -	- / -	- / -	- / 34.573	
<i>Subtotal: Procurement, All Modification Items</i>	- / 9.537	- / 10.754	- / 6.716	- / 7.566	- / -	- / 7.566	- / -	- / -	- / -	- / -	- / -	- / 34.573	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 0.445	- / 2.094	- / 2.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.633	
SUPPORT-EQUIP	- / 1.003	- / 1.104	- / 3.643	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.750	
PSC - Other Gov't Costs	- / 0.403	- / 0.175	- / 0.175	- / 0.075	- / -	- / 0.075	- / 0.075	- / 0.075	- / 0.075	- / 0.075	- / 0.050	- / 1.178	
PSC - Contractor Services	- / 0.288	- / 0.136	- / 1.737	- / 6.434	- / -	- / 6.434	- / 1.574	- / 1.595	- / 1.698	- / 1.500	- / 1.310	- / 16.272	
<i>Subtotal: Support</i>	- / 2.139	- / 3.509	- / 7.649	- / 6.509	- / -	- / 6.509	- / 1.649	- / 1.670	- / 1.773	- / 1.575	- / 1.360	- / 27.833	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> Install Kit	1 / 1.422	2 / 2.954	13 / 17.730	28 / 36.418	- / -	28 / 36.418	40 / 66.698	42 / 80.256	46 / 97.230	50 / 154.846	59 / 0.000	281 / 457.554	
<i>Subtotal: Installation</i>	1 / 1.422	2 / 2.954	13 / 17.730	28 / 36.418	- / -	28 / 36.418	40 / 66.698	42 / 80.256	46 / 97.230	50 / 154.846	59 / -	281 / 457.554	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>13.098</b>	<b>17.217</b>	<b>32.095</b>	<b>50.493</b>	<b>0.000</b>	<b>50.493</b>	<b>68.347</b>	<b>81.926</b>	<b>99.003</b>	<b>156.421</b>	<b>1.360</b>	<b>519.960</b>	

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 4	<b>P-1 Line Item Number / Title:</b> T03800 / T-38	<b>Modification Number / Title:</b> 6091 / Talon Repair, Inspection and Maintenance

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Install Kit

**Manufacturer Information**

Manufacturer Name: CPI Aerostructures, Inc.	Manufacturer Location: Edgewood, NY
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 44

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2023	Jun 2024	Jun 2025				
Delivery Dates	Feb 2026	Feb 2028	Feb 2029				

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 1.422	2 / 2.954	13 / 17.730	28 / 36.418	- / -	28 / 36.418	- / -	- / -	- / -	- / -	- / -	44 / 58.524
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	40 / 66.698	42 / 80.256	45 / 94.463	- / -	- / -	127 / 241.417
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.767	49 / 149.961	- / -	50 / 152.728
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.885	59 / 0.000	60 / 4.885
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	1 / 1.422	2 / 2.954	13 / 17.730	28 / 36.418	- / -	28 / 36.418	40 / 66.698	42 / 80.256	46 / 97.230	50 / 154.846	59 / 0.000	281 / 457.554

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	2	-	0	0	6	7	6	8	8	6	10	9	10	11	10	9	11	12	11	11	12	12	13	13	12	12	59	281
Out	0	-	-	1	-	-	2	-	-	-	6	7	6	8	8	6	10	9	10	11	10	9	11	12	11	11	12	12	13	96	281

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
11U200 / U-2 Mods

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0305202F, 0305206F **Other Related Program Elements:** 0305202F, 0604257F

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	547.518	81.650	54.727	69.806	-	69.806	13.072	13.367	13.644	13.915	-	807.699
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	547.518	81.650	54.727	69.806	-	69.806	13.072	13.367	13.644	13.915	-	807.699
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>547.518</b>	<b>81.650</b>	<b>54.727</b>	<b>69.806</b>	-	<b>69.806</b>	<b>13.072</b>	<b>13.367</b>	<b>13.644</b>	<b>13.915</b>	-	<b>807.699</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	2.102	1.707	2.674	-	2.674	2.720	2.782	2.840	2.896	-	17.721
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The U-2S Dragon Lady platform is a high-demand/low-density aircraft equipped with modular sensor and data link systems providing flexibility and mission essential Intelligence, Surveillance, and Reconnaissance (ISR) to the Combatant Commands, Joint and Combined forces, and the Intelligence Community in peacetime and wartime. The program supports core missions such as Sensitive Reconnaissance Operations (outlined in CJCSI 3250.01) supporting the National Defense Strategy, in addition to other missions that include execution of CCMD OPLANS and CONPLANS, Humanitarian Assistance/Disaster Response (HADR), Counter Violent Extremist Organizations, and third-party treaty verification/monitoring via the OLIVE HARVEST mission.

The FY25 budget year is the final year that the Air Force will maintain operational capability of the U-2 platform. FY25 procurement funds are required, however, to sustain NDAA directed capability and capacity, as well as safe and effective operations through the remainder of U-2's scheduled service. Previously programmed funds in PE 0305202F have been shifted to PE 0305206F to support ASARS-2C procurement and fielding, which will enable vastly improved collection against emerging threats through the remainder of scheduled U-2 operations. This capability and any enhancements will be transferable to the broader enterprise.

These efforts include, but are not limited to:

- Procurement of the Advanced Synthetic Aperture Radar System (ASARS) 2B/C mitigates DMSMS with the current U-2 SAR sensor and processor, is multi-mode capable (to include moving target indicator modes) and implements an open architecture radar environment. Processor development accomplishes risk reduction in a common effort with other programs and the ASARS-2C system is transferable to other open mission systems (OMS) platforms in the Joint Force.
- Long lead procurement of Common Mission Computer (CMC) & Multi-Level Security Network Attached Storage (MNAS) -- These components support full utilization of ASARS-2C and support the upcoming ISR Strategic Vision 2032, which addresses the need for sensors and platforms to communicate over multiple security levels. Multi-level security devices will require NSA certification. Accomplishing the integration and certification on the U-2 will validate MNAS use and facilitate rapid proliferation to the broader enterprise. Additionally, procured MNAS units will be available for transition to other users post U-2 divestment.
- Required datalink infrastructure upgrades to support the improved capabilities mentioned above and quick reaction capabilities (QRCs) to support emerging requirements in a time-relevant manner

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
11U200 / U-2 Mods

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0305202F, 0305206F **Other Related Program Elements:** 0305202F, 0604257F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	U-2 Mods				- / 430.226	- / 36.224	- / 29.487	- / 0.000	- / 0.000	- / 0.000
P-3a	4496 / ASARS-2B Procurement for U-2 (Other)		B		- / 117.292	- / 45.426	- / 25.240	- / 69.806	- / 0.000	- / 69.806
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 547.518</b>	<b>- / 81.650</b>	<b>- / 54.727</b>	<b>- / 69.806</b>	<b>- / -</b>	<b>- / 69.806</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	U-2 Mods				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 495.937
P-3a	4496 / ASARS-2B Procurement for U-2 (Other)		B		- / 13.072	- / 13.367	- / 13.644	- / 13.915	- / -	- / 311.762
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 13.072</b>	<b>- / 13.367</b>	<b>- / 13.644</b>	<b>- / 13.915</b>	<b>- / -</b>	<b>- / 807.699</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25 budget reflects budgeted U-2 divestiture in FY26 with procurement funds shifted to the ARS PE. Some of these funds may be obligated by the U-2 program office in support of ASARS-2C kitting and fielding and Avionics Technical Refresh efforts, which are a prerequisite to fielding ASARS-2C.



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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** 11U200 / U-2 Mods **Aggregated Modification Items Title:** U-2 Mods

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4494 / U-2 Mod			-	-	430.226	-	-	36.224	-	-	29.487	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	430.226	-	-	36.224	-	-	29.487	-	-	0.000	-	-	0.000	-	-	0.000

  

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4494 / U-2 Mod			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	495.937
<b>Total</b>			-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	495.937

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
4494 / U-2 Mod	U-2	Other

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> 11U200 / U-2 Mods	<b>Modification Number / Title:</b> 4496 / ASARS-2B Procurement for U-2

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	117.292	45.426	25.240	69.806	0.000	69.806	13.072	13.367	13.644	13.915	-	311.762
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	117.292	45.426	25.240	69.806	0.000	69.806	13.072	13.367	13.644	13.915	-	311.762
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>117.292</b>	<b>45.426</b>	<b>25.240</b>	<b>69.806</b>	<b>0.000</b>	<b>69.806</b>	<b>13.072</b>	<b>13.367</b>	<b>13.644</b>	<b>13.915</b>	-	<b>311.762</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	57.816	2.102	1.707	2.674	-	2.674	2.720	2.782	2.840	2.896	-	75.537
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The ASARS-2B program focuses on upgrades to the "front end of the radar system, where "front end is defined to include the antenna, power unit and receiver/exciter. The ASARS-2A's passive Electronically Scanned Array (ESA) and Transmitter are replaced with a state-of-the-art Active Electronically Scanned Array (AESA). Accompanying the replacement of the ESA with an AESA, associated "front end components including the Power Conditioning Unit (PCU) are also to be updated to deal with DMSMS issues. The Receiver/Exciter Controller (REC) is replaced with a state-of-the-art Receiver/Exciter (REX). System software is also updated, primarily to interface with the new front-end, but also to incorporate new modes, such as: High Precision Track Moving Target Indicator (HP-TMTI), Maritime Search (MS), Maritime Track Acquisition (MTA), and Maritime Inverse Synthetic Aperture Radar (ISAR) modes. The upgrades also introduce advanced technologies into the AESA and REX to support future growth, and design updates for the PCU. The upgrades include the ability to utilize common open architecture, increased range/bandwidth/interoperability, a modified receiver, new maritime modes, new software algorithms, and standardized data output formats. This upgrade also includes associated Ground Support Equipment. The ASARS-2B program is dependent on the ASARS-2C Air-cooled Scalable Commercial Off the Shelf (COTS) Processor (ASCP).

Validated requirements consist of the "Improved Synthetic Aperture Radar for the U-2" Operational Requirement Document (Apr 1996) and approved AF Form 1067s. It also aligns with the USECAF/VCSAF "Interim Guidance on High Altitude ISR Transition Plan", dated 19 Oct 2017. Current efforts are collaborative in funding and scheduling with PE 0305206F & PE 0604257F. ASARS-2B (front-end) effort is NOT a new start, and has been previously planned for in PE 35202F.

**Milestone/Development Status**

The ASARS-2B program builds upon and operationalizes the ASARS-2B Technology Demonstration effort, funded under Advanced Technology and Sensors PE 0604257F, which concluded in early FY19 with flight demonstrations. ASARS-2B awarded the Unfinitized Contract Action (UCA) in FY19 with definitization occurring in 2021, to complete non-recurring engineering and build/integration of two systems for flight test activities expected early FY24. A production contract was awarded by Q4 FY22 to produce ASARS-2B operational systems and initial spares with an Initial Operational Capability expected in FY24. Efforts will be made to align procurement of ASARS-2B with ASARS-2C ("back-end"/processor) to the max extent possible IAW CSAF/SECAF rapid innovation initiatives.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> 11U200 / U-2 Mods				<b>Modification Number / Title:</b> 4496 / ASARS-2B Procurement for U-2					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> U-2				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b> 0305202F, 0604257F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: ASARS-2B</i>													
A Kits													
Recurring													
ASARS-2B:INSTALL KITS Group A (Active)	3 / 117.292	4 / 45.426	- / 21.503	- / 64.609	- / -	- / 64.609	- / 2.510	- / 13.367	- / 13.644	- / 13.915	- / -	7 / 292.266	
<i>Subtotal: Recurring</i>	- / 117.292	- / 45.426	- / 21.503	- / 64.609	- / -	- / 64.609	- / 2.510	- / 13.367	- / 13.644	- / 13.915	- / -	- / 292.266	
<i>Subtotal: ASARS-2B</i>	- / 117.292	- / 45.426	- / 21.503	- / 64.609	- / -	- / 64.609	- / 2.510	- / 13.367	- / 13.644	- / 13.915	- / -	- / 292.266	
<i>Subtotal: Procurement, All Modification Items</i>	- / 117.292	- / 45.426	- / 21.503	- / 64.609	- / -	- / 64.609	- / 2.510	- / 13.367	- / 13.644	- / 13.915	- / -	- / 292.266	
<b>Support (All Modification Items)</b>													
PSC - Other Gov't Costs	- / -	- / -	- / 0.870	- / 0.916	- / -	- / 0.916	- / 0.936	- / -	- / -	- / -	- / -	- / 2.722	
ICS-Labor	- / -	- / -	- / 2.867	- / 4.281	- / -	- / 4.281	- / 9.626	- / -	- / -	- / -	- / -	- / 16.774	
<i>Subtotal: Support</i>	- / -	- / -	- / 3.737	- / 5.197	- / -	- / 5.197	- / 10.562	- / -	- / -	- / -	- / -	- / 19.496	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>117.292</b>	<b>45.426</b>	<b>25.240</b>	<b>69.806</b>	<b>0.000</b>	<b>69.806</b>	<b>13.072</b>	<b>13.367</b>	<b>13.644</b>	<b>13.915</b>	<b>-</b>	<b>311.762</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> 11U200 / U-2 Mods			<b>Modification Number / Title:</b> 4496 / ASARS-2B Procurement for U-2	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> ASARS-2B							
<b>Manufacturer Information</b>							
Manufacturer Name: Raytheon Intelligence and Space				Manufacturer Location: El Segundo, CA			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 36			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Mar 2023						
Delivery Dates	Mar 2026						
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 7		

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C01000 / KC-10A (ATCA)
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401219F	Other Related Program Elements: 0401219F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	66.208	1.722	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	67.930
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	66.208	1.722	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	67.930
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>66.208</b>	<b>1.722</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>67.930</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications for the fleet of 20 KC-10 aircraft at the end of FY23. The primary modifications are Service Bulletins that address obsolescence issues, provide worldwide civil airspace accessibility, and incorporate aging aircraft and FAA certification requirements. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Despite scheduled to retire by the end of FY24, the KC-10 continues to play a vital role in US Air Force aerial refueling and strategic airlift operations by providing dual-role capability. In FY22, KC-10 aircraft offloaded 19,270,494 gallons of fuel to 6,278 aircraft in support of US global operations, and continues to maintain a permanent deployed presence in the US Central Command Area of Responsibility. The aircraft provides air refueling by using both the boom and the drogue methods and can carry up to 56 standard 463-L pallets. Thus, maintaining adequate mod funding through retirement is essential.

Funding for this exhibit is contained in PE 0401219F.

**Justification:**

No FY 2025 funding requested.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C01200 / C-12
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401314F	Other Related Program Elements: 0401314F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	20.678	0.000	0.446	0.000	-	0.000	0.000	0.000	0.000	0.000	-	21.124
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	20.678	0.000	0.446	0.000	-	0.000	0.000	0.000	0.000	0.000	-	21.124
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>20.678</b>	<b>0.000</b>	<b>0.446</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>21.124</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item supports thirty (30) C-12 C/D/F/J aircraft, commercial equivalent to the Beechcraft Super King Air. The C-12 is a twin turboprop, support-airlift aircraft used to transport cargo and passengers over medium distances. The design service life is 30,000 hours with 17,200 remaining on the C-model (16), 12,200 hours remaining on the D-model (6), 15,000 on the F-model (3), 11,750 on the J-model (4). The soonest service life estimation is 2052.

Service bulletins and low-cost modifications are necessary for continuing Federal Aviation Administration certification while improving flight safety, reliability, and maintainability. Support funding for emerging modification requirements to support Program Management Administration, Advisory & Assistance Services (A&AS), system integration lab, trainers, equipment and other government costs.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit contained in PE 0401314F.

**Justification:**

No FY25 funding requested.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C02100 / C-21
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401314F	Other Related Program Elements: 0401314F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	62.815	2.428	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	65.243
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	62.815	2.428	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	65.243
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>62.815</b>	<b>2.428</b>	<b>0.000</b>	<b>0.000</b>	-	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>65.243</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item supports nineteen (19) C-21A aircraft, commercial equivalent to the Learjet 35. The C-21A aircraft is a twin-turboprop engine aircraft used for cargo and passenger airlift over medium ranges. The design service life is 50 years with an average of 2 years remaining; undergoing service life extension to add another 25 years. Service bulletins and low cost modifications are necessary for continuing Federal Aviation Administration certification while improving flight safety, reliability, and maintainability. This funding may include emerging modification requirements to support Program Support Costs (PSC), Advisory and Assistant Services (A&AS), system integration lab, trainers, equipment and other government costs.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit contained in PE 0401314F.

**Justification:**

No FY25 funding requested.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C02500 / VC-25A Mod
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401314F	Other Related Program Elements: 0401314F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	334.563	1.619	29.707	11.388	-	11.388	9.395	0.000	0.000	0.000	-	386.672
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	334.563	1.619	29.707	11.388	-	11.388	9.395	0.000	0.000	0.000	-	386.672
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>334.563</b>	<b>1.619</b>	<b>29.707</b>	<b>11.388</b>	<b>-</b>	<b>11.388</b>	<b>9.395</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>386.672</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds aircraft modernization efforts for two (2) VC-25A presidential support aircraft, a commercial derivative of the commercial Boeing 747-200. The aircraft are commonly referred to as "Air Force One." The aircraft were purchased in FY87, modified by Boeing to meet presidential requirements, and delivered in August 1990. These on-going modifications are to extend the service life until the VC-25B aircraft are fielded.

Pursuant to the provisions of section 2244a of title 10, United States Code, the Secretary of the Air Force determined the following capabilities/modifications are in the national security interest of the United States:

Low Latency Worldwide Data Connections, Aggregated Throughput Bandwidth, Non-Space/Global Position System (GPS) Based Dependent Wideband Data Service, Multi-Role Tactical Common Data Link (MR-TCDL), and Diminishing Manufacturing Sources and Material Shortages (DMSMS).

Service bulletins and Low Cost Modifications are necessary for continuing Federal Aviation Administration (FAA) airworthiness certification while improving flight safety, reliability, and maintainability.

Funding may be used to address Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues.

Funding for this exhibit contained in PE 0401314F.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C02500 / VC-25A Mod

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401314F **Other Related Program Elements:** 0401314F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	VC-25A Mod				- / 7.770	- / 1.571	- / 1.498	- / 0.200	- / 0.000	- / 0.200
P-3a	9715 / VC-25 Block Upgrade (Capability Improvement)		B		- / 326.793	- / 0.048	- / 28.209	- / 11.188	- / 0.000	- / 11.188
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 334.563</b>	<b>- / 1.619</b>	<b>- / 29.707</b>	<b>- / 11.388</b>	<b>- / -</b>	<b>- / 11.388</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	VC-25A Mod				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 11.039
P-3a	9715 / VC-25 Block Upgrade (Capability Improvement)		B		- / 9.395	- / 0.000	- / 0.000	- / -	- / -	- / 375.633
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 9.395</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 386.672</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.  
 Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
 FY25: Funding is required for low cost mods, service bulletins, and VC-25A Block Upgrade efforts - Low Latency Worldwide Data Connections, Aggregated Throughput Bandwidth, Multi-Role Tactical Common Data Link (MR-TCDL).  
  
 The FY 2025 funding request was reduced by \$1.295 million to account for the availability of prior year execution balances.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C02500 / VC-25A Mod **Aggregated Modification Items Title:** VC-25A Mod

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9714 / WIDEBAND SATCOM			-	-	0.998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999S / SERVICE BULLETINS			-	-	4.273	-	-	0.500	-	-	0.749	-	-	0.100	-	-	-	-	0.100	
99999X / Low Cost Modifications			-	-	2.499	-	-	1.071	-	-	0.749	-	-	0.100	-	-	-	-	0.100	
<b>Total</b>			-	-	7.770	-	-	1.571	-	-	1.498	-	-	0.200	-	-	0.000	-	0.200	

  

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
9714 / WIDEBAND SATCOM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.998	
99999S / SERVICE BULLETINS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.622	
99999X / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.419	
<b>Total</b>			-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	11.039	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
9714 / WIDEBAND SATCOM	VC-25A	Capability Improvement
99999S / SERVICE BULLETINS	VC-25A	Capability Improvement
99999X / Low Cost Modifications	VC-25A	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C02500 / VC-25A Mod	<b>Modification Number / Title:</b> 9715 / VC-25 Block Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	326.793	0.048	28.209	11.188	0.000	11.188	9.395	0.000	0.000	-	-	375.633
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	326.793	0.048	28.209	11.188	0.000	11.188	9.395	0.000	0.000	-	-	375.633
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>326.793</b>	<b>0.048</b>	<b>28.209</b>	<b>11.188</b>	<b>0.000</b>	<b>11.188</b>	<b>9.395</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>375.633</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This modification completes technical data integration and installation of the Multi-Role Tactical Common Data Link (MR-TCDL) on one (1) Air Force VC-25A (Tail 28000) and includes new requirements: low latency worldwide data (Low Earth Orbital Satellite Communications) and aggregated throughput bandwidth. Future Air Force VC-25A (Tail 29000) modification effort will only include low latency worldwide data and aggregated throughput bandwidth having previously accomplished MR-TCDL. These modifications will be aligned with aircraft heavy maintenance depot. These items satisfy presidential mission requirements requested through the White House Military Office via AF 1067 (22-035, 22-036, and 22-039).

Low latency worldwide data is part of a redundant global satellite connectivity to obtain satellite communications using low earth orbital, mid earth orbital, and geosynchronous constellations. This effort will focus on low earth orbital solutions to minimize latency experienced during global video/teleconference.

Aggregate throughput will increase the upload and download capacity of global wideband satellite communications through redundant pathways of low earth orbital, mid earth orbital, and geosynchronous satellite communications. It will also increase the capacity of onboard infrastructure (wiring, switching, and routing) to support this higher bandwidth: This modification has synergy with the low earth orbital solution within low latency worldwide data.

MR-TCDL is a three (3) antenna equipment package which allows access to, and seamlessly transition between, airborne platforms and Phoenix Air-Ground Communications Network (PAGCN) Ground Entry Points (GEP).

Previously installed block upgrade modifications included protected SATCOM, weather radar, digital voice/data systems and mobile user objective system (MUOS).

This funding may include emerging modification requirements to support program support costs (PSC), advisory & assistance services (A&AS), support equipment, and other government cost.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

Commercial-off-the-Shelf item with non-recurring engineering for integration.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C02500 / VC-25A Mod					<b>Modification Number / Title:</b> 9715 / VC-25 Block Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> VC-25A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401314F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Block Upgrade</i>													
A Kits													
Recurring													
Block Upgrade:INSTALL KITS Group A (Active)	5 / 120.258	- / -	1 / 8.100	- / -	- / -	- / -	1 / 2.500	- / -	- / -	- / -	- / -	7 / 130.858	
<i>Subtotal: Recurring</i>	- / 120.258	- / -	- / 8.100	- / -	- / -	- / -	- / 2.500	- / -	- / -	- / -	- / -	- / 130.858	
B Kits													
Recurring													
Block Upgrade:EQUIPMENT Group B (Active)	- / -	- / -	1 / 5.650	- / -	- / -	- / -	1 / 1.000	- / -	- / -	- / -	- / -	2 / 6.650	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 5.650	- / -	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / 6.650	
<i>Subtotal: Block Upgrade</i>	- / 120.258	- / -	- / 13.750	- / -	- / -	- / -	- / 3.500	- / -	- / -	- / -	- / -	- / 137.508	
<i>Subtotal: Procurement, All Modification Items</i>	- / 120.258	- / -	- / 13.750	- / -	- / -	- / -	- / 3.500	- / -	- / -	- / -	- / -	- / 137.508	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 115.786	- / -	- / 13.400	- / -	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / 130.186	
GROUP B: TOTAL NONRECURRING	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000	
OTHER GOVT	- / 24.162	- / 0.048	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.210	
PSC - Other Gov't Costs	- / 17.613	- / -	- / 0.159	- / 0.025	- / -	- / 0.025	- / 0.025	- / -	- / -	- / -	- / -	- / 17.822	
PSC - Contractor Services	- / -	- / -	- / 0.900	- / 0.163	- / -	- / 0.163	- / 0.282	- / -	- / -	- / -	- / -	- / 1.345	
<i>Subtotal: Support</i>	- / 167.561	- / 0.048	- / 14.459	- / 0.188	- / -	- / 0.188	- / 1.307	- / -	- / -	- / -	- / -	- / 183.563	
<b>Installation</b>													
<i>Modification Item 1 of 1: Block Upgrade</i>	5 / 38.974	- / -	- / -	1 / 11.000	- / -	1 / 11.000	1 / 4.588	- / -	- / -	- / -	- / -	7 / 54.562	
<i>Subtotal: Installation</i>	5 / 38.974	- / -	- / -	1 / 11.000	- / -	1 / 11.000	1 / 4.588	- / -	- / -	- / -	- / -	7 / 54.562	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>326.793</b>	<b>0.048</b>	<b>28.209</b>	<b>11.188</b>	<b>0.000</b>	<b>11.188</b>	<b>9.395</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>375.633</b>	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C02500 / VC-25A Mod	<b>Modification Number / Title:</b> 9715 / VC-25 Block Upgrade
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Block Upgrade

**Manufacturer Information**

Manufacturer Name: Boeing	Manufacturer Location: San Antonio, TX
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 11

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Oct 2023		Oct 2025			
Delivery Dates		Sep 2024		Sep 2026			

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	5 / 38.974	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 38.974
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	1 / 11.000	- / -	1 / 11.000	- / -	- / -	- / -	- / -	- / -	1 / 11.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.588	- / -	- / -	- / -	- / -	1 / 4.588
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	5 / 38.974	- / -	- / -	1 / 11.000	- / -	1 / 11.000	1 / 4.588	- / -	- / -	- / -	- / -	7 / 54.562

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	5	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	0	7
Out	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	0	7



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C04000 / C-40
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0401314F	<b>Other Related Program Elements:</b> 0401314F, 0504324F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	177.650	37.197	8.921	7.114	-	7.114	0.000	0.000	0.000	0.000	-	230.882
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	177.650	37.197	8.921	7.114	-	7.114	0.000	0.000	0.000	0.000	-	230.882
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>177.650</b>	<b>37.197</b>	<b>8.921</b>	<b>7.114</b>	<b>-</b>	<b>7.114</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>230.882</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds all modifications for four (4) C-40B and seven (7) C-40C aircraft: commercial-derivative Boeing 737 business jets. The C-40B/C is a twin-engine, turbo fan aircraft used to airlift DoD officials and United States government personnel worldwide. The design service life is 35,000 flying hours with an average of 22,597 hours remaining.

Crypto Modernization will replace the obsolescing Ultra High Frequency (UHF) Military Satellite Communication (SATCOM) System with a system that can connect to the Mobile User Objective System (MUOS) satellite constellation.

Service bulletins and low cost modifications are necessary for continuing Federal Aviation Administration (FAA) certification while improving flight safety, reliability, and maintainability.

This funding may include emerging modification requirements to support program support costs (PCS), advisory & assistance services (A&AS), systems integration lab, trainers, support equipment, other government costs, and Senior Leader Communications System modernization efforts.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding for this exhibit contained in PE 0401314F.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.314	8.921	7.114	-	7.114	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft					<b>P-1 Line Item Number / Title:</b> C04000 / C-40					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B			<b>Program Elements for Code B Items:</b> 0401314F			<b>Other Related Program Elements:</b> 0401314F, 0504324F				
<b>Line Item MDAP/MAIS Code:</b> N/A										

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	17.883	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>37.197</b>	<b>8.921</b>	<b>7.114</b>	-	<b>7.114</b>	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C04000 / C-40

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401314F **Other Related Program Elements:** 0401314F, 0504324F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-40				- / 177.650	- / 37.197	- / 1.971	- / 0.051	- / 0.000	- / 0.051
P-3a	1121 / Crypto Mod 1 (Capability Improvement)		B		- / -	- / -	- / 6.950	- / 7.063	- / 0.000	- / 7.063
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 177.650</b>	<b>- / 37.197</b>	<b>- / 8.921</b>	<b>- / 7.114</b>	<b>- / -</b>	<b>- / 7.114</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-40				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 216.869
P-3a	1121 / Crypto Mod 1 (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / -	- / -	- / 14.013
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 230.882</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25: Funding is required for low cost mods, service bulletins, and Crypto Mod for four (4) C-40B aircraft.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C04000 / C-40 **Aggregated Modification Items Title:** C-40

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1110 / Nitrogen Generation System			-	-	6.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1118 / WIDEBAND SATCOM			-	-	141.474	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.699		-	-		-	-		-	-		-	
AFR				-	-		-	9.301		-	0.000		-	-		-	-		-	
1119 / CNS/ATM Compliance			-	-	21.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1120 / Crew Rest Seats			-	-	7.306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1122 / SAT 906			-	-	-	-	-	25.000	-	-	1.526	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	16.418		-	1.526		-	-		-	-		-	
AFR				-	-		-	8.582		-	-		-	-		-	-		-	
99999S / SERVICE BULLETINS			-	-	0.499	-	-	1.197	-	-	0.005	-	-	0.005	-	-	-	-	0.005	
<i>Secondary Distribution</i>																				
AF				-	-		-	1.197		-	0.005		-	0.005		-	-		0.005	
99999X / Low Cost Modifications			-	-	0.648	-	-	1.000	-	-	0.440	-	-	0.046	-	-	-	-	0.046	
<i>Secondary Distribution</i>																				
AF				-	-		-	1.000		-	0.440		-	0.046		-	-		0.046	
<b>Total</b>			-	-	<b>177.650</b>	-	-	<b>37.197</b>	-	-	<b>1.971</b>	-	-	<b>0.051</b>	-	-	<b>0.000</b>	-	-	<b>0.051</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1110 / Nitrogen Generation System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.013	
1118 / WIDEBAND SATCOM			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151.474	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	
AFR				-	-		-	-		-	-		-	-		-	-		-	
1119 / CNS/ATM Compliance			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.710	
1120 / Crew Rest Seats			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.306	
1122 / SAT 906			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.526	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C04000 / C-40 **Aggregated Modification Items Title:** C-40

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
AFR			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999S / SERVICE BULLETINS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.706	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999X / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.134	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	216.869	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
1110 / Nitrogen Generation System	C-40B, C-40C	Other
1118 / WIDEBAND SATCOM	C-40B, C-40C	Capability Improvement
1119 / CNS/ATM Compliance	C-40	Capability Improvement
1120 / Crew Rest Seats	C-40B	Capability Improvement
1122 / SAT 906	C-40	Capability Improvement
99999S / SERVICE BULLETINS	C-40B, C-40C	Capability Improvement
99999X / Low Cost Modifications	C-40B, C-40C	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C04000 / C-40	<b>Modification Number / Title:</b> 1121 / Crypto Mod 1

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	6.950	7.063	0.000	7.063	0.000	0.000	0.000	-	-	14.013
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	6.950	7.063	0.000	7.063	0.000	0.000	0.000	-	-	14.013
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>6.950</b>	<b>7.063</b>	<b>0.000</b>	<b>7.063</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>14.013</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Crypto Modernization replaces an obsolescing Ultra High Frequency (UHF) Military Satellite Communication (SATCOM) System utilizing an ARC-210 Gen VI enabling the aircraft to connect to the Mobile User Objective System (MUOS) satellite constellation.

National Security Agency and DoD Chief Information Officer directed policy mandating cryptography modernization efforts. The UHF Military Satellite Communication (SATCOM) systems require upgrade and/or replacement due to impending end-of-life of the UHF Follow On (UFO) satellite constellation. The expected result should provide narrowband (NB) internet protocol based (IP), secure, global, beyond line-of-sight (BLOS) satellite voice (recognition quality) and data communication for National Senior Leader connectivity utilizing the MUOS satellite constellation and waveform.

FY25 funding is for four (4) installations starting in FY25 for C-40B aircraft.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

Commercial-off-the-shelf item with non-recurring engineering for integration.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	6.950	7.063	-	7.063	-	-	-	-
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	-	<b>6.950</b>	<b>7.063</b>	<b>0.000</b>	<b>7.063</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C04000 / C-40					<b>Modification Number / Title:</b> 1121 / Crypto Mod 1			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-40B				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Crypto Mod 1</i>													
A Kits													
Recurring													
Crypto Mod 1:INSTALL KITS Group A (Active)	- / -	- / -	4 / 3.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.600	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 3.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.600	
B Kits													
Recurring													
Crypto Mod 1:EQUIPMENT Group B (Active)	- / -	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	
<i>Subtotal: Crypto Mod 1</i>	- / -	- / -	- / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.600	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.600	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING													
PSC - Contractor Services	- / -	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
<i>Subtotal: Support</i>	- / -	- / -	- / 1.350	- / 0.063	- / -	- / 0.063	- / -	- / -	- / -	- / -	- / -	- / 1.413	
<b>Installation</b>													
<i>Modification Item 1 of 1: Crypto Mod 1</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	4 / 7.000	- / -	4 / 7.000	- / -	- / -	- / -	- / -	- / -	4 / 7.000	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	6.950	7.063	0.000	7.063	0.000	0.000	0.000	0.000	-	14.013	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C04000 / C-40	<b>Modification Number / Title:</b> 1121 / Crypto Mod 1
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Crypto Mod 1

**Manufacturer Information**

Manufacturer Name: L3 Harris	Manufacturer Location: Greenville, TX
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Oct 2023					
Delivery Dates		Apr 2025					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	4 / 7.000	- / -	4 / 7.000	- / -	- / -	- / -	- / -	- / -	4 / 7.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	4 / 7.000	- / -	4 / 7.000	- / -	- / -	- / -	- / -	- / -	4 / 7.000

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	
Out	0	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C13000 / C-130

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207224F, 0401115F, 0401897F, 0404011F **Other Related Program Elements:** 0207224F, 0401115F

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,260.878	165.703	71.177	102.519	-	102.519	148.348	113.742	63.564	74.658	0.000	3,000.589
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2,260.878	165.703	71.177	102.519	-	102.519	148.348	113.742	63.564	74.658	0.000	3,000.589
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,260.878</b>	<b>165.703</b>	<b>71.177</b>	<b>102.519</b>	<b>-</b>	<b>102.519</b>	<b>148.348</b>	<b>113.742</b>	<b>63.564</b>	<b>74.658</b>	<b>0.000</b>	<b>3,000.589</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to the C-130H and Special Mission C-130 aircraft. The four-engine C-130H provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or six (6) standard 463-L pallets.

Funding provides weapon system modifications and upgrades to meet USAF mission requirements for the LC/C-130H fleets.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit is contained in PEs 0401115F and 0401897F.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	43.803	71.177	38.922	-	38.922	58.922	33.948	31.143	69.402
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	121.900	-	41.419	-	41.419	61.624	58.334	24.368	3.504
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	22.178	-	22.178	27.802	21.460	8.053	1.752
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C13000 / C-130
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207224F, 0401115F, 0401897F, 0404011F	<b>Other Related Program Elements:</b> 0207224F, 0401115F
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**Line Item MDAP/MAIS Code:** N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	165.703	71.177	102.519	-	102.519	148.348	113.742	63.564	74.658

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C13000 / C-130

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207224F, 0401115F, 0401897F, 0404011F **Other Related Program Elements:** 0207224F, 0401115F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-130				- / 2,253.620	- / 144.999	- / 1.957	- / 2.178	- / 0.000	- / 2.178
P-3a	8518 / C-130H Avionics Modernization Program (AMP) Increment 2 (Capability Improvement)			B	- / 7.258	- / 20.704	- / 69.220	- / 100.341	- / 0.000	- / 100.341
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 2,260.878</b>	<b>- / 165.703</b>	<b>- / 71.177</b>	<b>- / 102.519</b>	<b>- / -</b>	<b>- / 102.519</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-130				- / 19.097	- / 22.669	- / 27.941	- / 63.266	- / 0.000	- / 2,535.727
P-3a	8518 / C-130H Avionics Modernization Program (AMP) Increment 2 (Capability Improvement)			B	- / 129.251	- / 91.073	- / 35.623	- / 11.392	- / -	- / 464.862
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 148.348</b>	<b>- / 113.742</b>	<b>- / 63.564</b>	<b>- / 74.658</b>	<b>- / 0.000</b>	<b>- / 3,000.589</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.  
 Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
 FY 2025 primary efforts include: C-130 AMP Increment 2 and Low Cost Modifications. C-130 AMP Increment 2 will procure 20 kits and support efforts.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13000 / C-130	<b>Aggregated Modification Items Title:</b> C-130
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3773 / C-130 8-Bladed Propeller Upgrade			-	-	582.004	-	-	60.700	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AFNG			-	-	-	-	-	60.700	-	-	-	-	-	-	-	-	-	-	-	
8221 / C-130 ALR-69A Radar Warning Receiver (RWR)			-	-	36.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8578 / C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)			-	-	569.809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9139 / MOD V IFF			-	-	42.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9141 / C-130 CRASHWORTHY LOADMASTER SEAT			-	-	1.853	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9149 / C-130 Aux Hyd Pump			-	-	16.599	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92302 / C-130H Avionics Modernization Program (AMP) Increment 1			-	-	91.128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92308 / T-56 3.5 Engine Mod			-	-	498.000	-	-	41.200	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AFNG			-	-	-	-	-	41.200	-	-	-	-	-	-	-	-	-	-	-	
92309 / Onboard Fire Incident Response Equipment			-	-	156.052	-	-	0.100	-	-	0.100	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.100	-	-	0.100	-	-	-	-	-	-	-	-	
92310 / HC-130P/N Variable Speed Drogue (VSD)			-	-	1.410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92311 / Electronic Propeller Control System (EPCS)			-	-	141.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92312 / In-Flight Propeller Balancing System (IPBS)			-	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92315 / C-130H Simulator			-	-	47.803	-	-	4.485	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	4.485	-	-	-	-	-	-	-	-	-	-	-	
92316 / AFSOC C-130 Mods			-	-	22.642	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C13000 / C-130 **Aggregated Modification Items Title:** C-130

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
92322 / MAFFS			-	-	24.600	-	-	20.000	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AFNG				-	-		-	20.000		-	-		-	-		-	-		-	
92323 / C-130 Finlets			-	-	-	-	-	17.500	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF				-	-		-	17.500		-	-		-	-		-	-		-	
99999A / LOW COST SAFETY MODIFICATIONS			-	-	3.034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999C / HC-130 Low Cost Mods			-	-	1.907	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999M / MISC SIMULATOR UPDATES			-	-	0.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999X / Low Cost Modifications			-	-	14.706	-	-	1.014	-	-	1.857	-	-	2.178	-	-	-	-	2.178	
<i>Secondary Distribution</i>																				
AF				-	-		-	1.014		-	1.857		-	2.178		-	-		2.178	
<b>Total</b>			-	-	<b>2,253.620</b>	-	-	<b>144.999</b>	-	-	<b>1.957</b>	-	-	<b>2.178</b>	-	-	<b>0.000</b>	-	<b>2.178</b>	

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
3773 / C-130 8-Bladed Propeller Upgrade			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	642.704	
<i>Secondary Distribution</i>																				
AFNG				-	-		-	-		-	-		-	-		-	-		-	
8221 / C-130 ALR-69A Radar Warning Receiver (RWR)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.000	
8578 / C-130 SYSTEMS/ STRUCTURE (PHASE II MODERNIZATION)			-	-	17.002	-	-	20.627	-	-	26.037	-	-	61.199	-	-	-	-	694.674	
<i>Secondary Distribution</i>																				
AF				-	17.002		-	20.627		-	26.037		-	61.199		-	-		-	
9139 / MOD V IFF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.100	
9141 / C-130 CRASHWORTHY LOADMASTER SEAT			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.853	
9149 / C-130 Aux Hyd Pump			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.599	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13000 / C-130	<b>Aggregated Modification Items Title:</b> C-130
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Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
92302 / C-130H Avionics Modernization Program (AMP) Increment 1			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91.128	
92308 / T-56 3.5 Engine Mod			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	539.200	
<i>Secondary Distribution</i>																				
AFNG			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92309 / Onboard Fire Incident Response Equipment			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	156.252	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92310 / HC-130P/N Variable Speed Drogue (VSD)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.410	
92311 / Electronic Propeller Control System (EPCS)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141.770	
92312 / In-Flight Propeller Balancing System (IPBS)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.500	
92315 / C-130H Simulator			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.288	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92316 / AFSOC C-130 Mods			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.642	
92322 / MAFFS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.600	
<i>Secondary Distribution</i>																				
AFNG			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92323 / C-130 Finlets			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.500	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999A / LOW COST SAFETY MODIFICATIONS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.034	
99999C / HC-130 Low Cost Mods			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.907	
99999M / MISC SIMULATOR UPDATES			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.703	
99999X / Low Cost Modifications			-	-	2.095	-	-	2.042	-	-	1.904	-	-	2.067	-	-	-	-	27.863	
<i>Secondary Distribution</i>																				
AF			-	-	2.095	-	-	2.042	-	-	1.904	-	-	2.067	-	-	-	-	-	

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force</b>													<b>Date: March 2024</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5						<b>P-1 Line Item Number / Title:</b> C13000 / C-130						<b>Aggregated Modification Items Title:</b> C-130						

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Total</b>			-	-	19.097	-	-	22.669	-	-	27.941	-	-	63.266	-	-	0.000	-	-	2,535.727

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
3773 / C-130 8-Bladed Propeller Upgrade	C-130H	Capability Improvement
8221 / C-130 ALR-69A Radar Warning Receiver (RWR)	C-130H	Capability Improvement
8578 / C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	C-130H, MC-130H, HC-130P, HC-130N, EC-130H, AC-130U	Service Life Extension
9139 / MOD V IFF	C-130H	Capability Improvement
9141 / C-130 CRASHWORTHY LOADMASTER SEAT	No text provided.	No text provided.
9149 / C-130 Aux Hyd Pump	C-130H, MC-130W, MC-130H	Capability Improvement
92302 / C-130H Avionics Modernization Program (AMP) Increment 1	C-130H	Capability Improvement
92308 / T-56 3.5 Engine Mod	C-130H	Capability Improvement
92309 / Onboard Fire Incident Response Equipment	HC-130H	Capability Improvement
92310 / HC-130P/N Variable Speed Drogue (VSD)	HC-130	Capability Improvement
92311 / Electronic Propeller Control System (EPCS)	C-130H	Capability Improvement
92312 / In-Flight Propeller Balancing System (IPBS)	C-130H	Reliability & Maintainability
92315 / C-130H Simulator	C-130H	Other
92316 / AFSOC C-130 Mods	MC-130H	Capability Improvement
92322 / MAFFS	C-130H	Capability Improvement
92323 / C-130 Finlets	No text provided.	Other
99999A / LOW COST SAFETY MODIFICATIONS	C-130H	Safety
99999C / HC-130 Low Cost Mods	HC-130	Reliability & Maintainability
99999M / MISC SIMULATOR UPDATES	C-130	Capability Improvement
99999X / Low Cost Modifications	C-130	Capability Improvement

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13000 / C-130	<b>Modification Number / Title:</b> 8518 / C-130H Avionics Modernization Program (AMP) Increment 2

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	7.258	20.704	69.220	100.341	0.000	100.341	129.251	91.073	35.623	11.392	-	464.862
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	7.258	20.704	69.220	100.341	0.000	100.341	129.251	91.073	35.623	11.392	-	464.862
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>7.258</b>	<b>20.704</b>	<b>69.220</b>	<b>100.341</b>	<b>0.000</b>	<b>100.341</b>	<b>129.251</b>	<b>91.073</b>	<b>35.623</b>	<b>11.392</b>	-	<b>464.862</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The C-130H AMP Increment 2 program performs comprehensive avionics and cockpit modernization which replaces aging, unreliable equipment and adds combat capability enhancements. It also resolves select obsolescence and Diminishing Manufacturing Source (DMS) issues with solutions that may include life of type buys or bridge buys, as well as provides Type 1 training and modifies the C-130H aircrew and maintenance training systems and courseware. Funding also includes depot activation, program office support, Program Support Cost (PSC) activities and studies and risk reduction efforts as necessary. The DMS effort includes removal of end-of-life software/hardware within simulator systems and a move to a modular, common open system architecture that is sustainable and cyber-resilient. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative. The Capability Development Document (CDD) for this program was approved on 8 Aug 14.

The Mod 92321 C-130H Mobile User Objective System (MUOS)/Second generation Anti-Jam Tactical UHF Radio for NATO (MUOS/SATURN) Capability Improvement program will be executed under the Mod 8518 AMP Increment 2 program for kit buys and installations to capitalize on aircraft downtime efficiencies. Next Generation Secure Voice capability is being accomplished by including the ARC-210 MUOS/SATURN in the AMP Increment 2 kit. OTHER GOVT Support category is used for Depot Activation.

The C-130H requires global Beyond Line of Sight (BLOS) secure voice communications (classified up to SECRET) via Ultra High Frequency Military Satellite Communication (UHF MILSATCOM) connectivity. Funding timelines and UHF Follow-On MILSATCOM end of life dictate a MUOS-capable radio solution in order to fully utilize Department of Defense' (DOD) new UHF MILSATCOM constellation and waveform, Full Operational Frequency (FOC) 2017. The MUOS satellite constellation and radios will support backwards compatible secure BLOS communications connectivity with legacy users of the Non-Demand Assigned Multiple Access (DAMA) and Integrated Waveform (IW) communications systems.

The C-130H requires the significantly improved anti-jam capability provided by SATURN to remain interoperable with other AF, DOD, NATO and coalition aircraft. SATURN is the next generation UHF line-of-sight (LOS) anti-jam capability that will supplement and replace the currently installed HAVE QUICK II UHF LOS anti-jam capability.

This funding includes Rapid Global Mobility (RGM) platform related activities including, but not limited to fielding actions such as kit buys, installations, and support equipment.

The C-130H AMP Increment 2 program provides weapon system modifications and upgrades to meet USAF mission requirements for the LC/C-130H fleets.

The C-130H AMP Increment 2 program modifies up to 80 C-130H USAF-owned aircraft consisting of H3s, H2.5s, H2s, and LC-130H aircraft. The Engineering and Manufacturing Development (EMD) phase consists of up to three (3) prototype aircraft that represent variations in mission design with the remaining aircraft modified in the production phase.



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13000 / C-130	<b>Modification Number / Title:</b> 8518 / C-130H Avionics Modernization Program (AMP) Increment 2
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>

The program experienced significant software development and flight test planning issues in FY22. These issues led to the program being rebaselined; Milestone C/Low Rate Initial Production is now planned for March 2025.

Milestone/Development Status

C-130H AMP Increment 2 contract was awarded 3rd quarter of FY19. Preliminary Design Review took place 3rd quarter FY 2020 and Critical Design Review was accomplished in the 1st quarter FY 2021.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	20.704	69.220	36.744	-	36.744	39.825	11.279	3.202	6.136
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	41.419	-	41.419	61.624	58.334	24.368	3.504
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	22.178	-	22.178	27.802	21.460	8.053	1.752
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>20.704</b>	<b>69.220</b>	<b>100.341</b>	<b>0.000</b>	<b>100.341</b>	<b>129.251</b>	<b>91.073</b>	<b>35.623</b>	<b>11.392</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C13000 / C-130					<b>Modification Number / Title:</b> 8518 / C-130H Avionics Modernization Program (AMP) Increment 2			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-130H				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401115F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401115F	3 / 209.214	- / 0.392	- / 5.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 215.033	
<b>Procurement</b>													
<b>Modification Item 1 of 2: C-130 AMP Incr 2 - B</b>													
B Kits													
Recurring													
C-130 AMP Incr 2 - B:EQUIPMENT Group B (Guard)	- / -	- / -	- / -	13 / 20.216	- / -	13 / 20.216	17 / 22.252	20 / 10.000	4 / 2.000	- / -	- / -	54 / 54.468	
C-130 AMP Incr 2 - B:EQUIPMENT Group B (Reserve)	- / -	- / -	- / -	7 / 10.761	- / -	7 / 10.761	7 / 10.190	7 / 3.500	2 / 1.000	- / -	- / -	23 / 25.451	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 30.977	- / -	- / 30.977	- / 32.442	- / 13.500	- / 3.000	- / -	- / -	- / 79.919	
<b>Subtotal: C-130 AMP Incr 2 - B</b>	- / -	- / -	- / -	- / 30.977	- / -	- / 30.977	- / 32.442	- / 13.500	- / 3.000	- / -	- / -	- / 79.919	
<b>Modification Item 2 of 2: COMMON: C-130H AMP Incr 2 - A</b>													
A Kits													
Recurring													
COMMON: C-130H AMP Incr 2 - A:INSTALL KITS Group A (Guard)	- / -	- / -	- / -	13 / 21.203	- / -	13 / 21.203	17 / 28.322	20 / 34.360	4 / 7.108	- / -	- / -	54 / 90.993	
COMMON: C-130H AMP Incr 2 - A:INSTALL KITS Group A (Reserve)	- / -	- / -	- / -	7 / 11.417	- / -	7 / 11.417	7 / 11.662	7 / 12.206	2 / 3.012	- / -	- / -	23 / 38.297	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / 32.620	- / -	- / 32.620	- / 39.984	- / 46.566	- / 10.120	- / -	- / -	- / 129.290	
<b>Subtotal: COMMON: C-130H AMP Incr 2 - A</b>	- / -	- / -	- / -	- / 32.620	- / -	- / 32.620	- / 39.984	- / 46.566	- / 10.120	- / -	- / -	- / 129.290	
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / -	- / -	- / 63.597	- / -	- / 63.597	- / 72.426	- / 60.066	- / 13.120	- / -	- / -	- / 209.209	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / -	- / -	- / 0.000	
OTHER GOVT	- / -	- / 15.877	- / 15.695	- / 6.522	- / -	- / 6.522	- / 4.900	- / 1.500	- / 0.757	- / 1.200	- / -	- / 36.451	
Change Orders	- / -	- / 5.000	- / 44.502	- / 13.425	- / -	- / 13.425	- / 12.598	- / 2.600	- / 0.100	- / 1.135	- / -	- / 79.360	
SIM/TRAINER	- / -	- / 0.800	- / 0.500	- / 0.805	- / -	- / 0.805	- / 0.900	- / 0.400	- / -	- / -	- / -	- / 3.405	
Data	- / -	- / -	- / -	- / 0.100	- / -	- / 0.100	- / 0.127	- / 0.100	- / 0.139	- / 0.142	- / -	- / 0.608	
SUPPORT-EQUIP	- / -	- / -	- / -	- / 10.500	- / -	- / 10.500	- / 11.242	- / 4.233	- / 1.052	- / 0.600	- / -	- / 27.627	
ICS-Labor	- / -	- / -	- / -	- / 0.200	- / -	- / 0.200	- / 0.500	- / 0.250	- / 0.250	- / 0.500	- / -	- / 1.700	
ICS-Material	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.250	- / 0.250	- / 0.500	- / -	- / 1.500	
PSC - Contractor Services	- / 7.156	- / 9.027	- / 8.421	- / 4.642	- / -	- / 4.642	- / 8.608	- / 1.511	- / 0.575	- / 1.907	- / -	- / 41.847	
PSC - Other Gov't Costs	- / 0.100	- / -	- / 0.100	- / 0.500	- / -	- / 0.500	- / 0.400	- / 0.400	- / 0.040	- / 0.108	- / -	- / 1.648	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13000 / C-130	<b>Modification Number / Title:</b> 8518 / C-130H Avionics Modernization Program (AMP) Increment 2

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Models of Systems Affected:</b> C-130H	<b>Modification Type:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0401115F
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Type 1 Training	- / 0.002	- / -	- / 0.002	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.035	- / 0.039	- / 0.044	- / -	- / 0.222
<i>Subtotal: Support</i>	- / 7.258	- / 20.704	- / 69.220	- / 36.744	- / -	- / 36.744	- / 39.825	- / 11.279	- / 3.202	- / 6.136	- / -	- / 194.368
<b>Installation</b>												
<i>Modification Item 1 of 2:</i> C-130 AMP Incr 2 - B	- / -	- / -	- / -	- / -	- / -	- / -	20 / 17.000	24 / 19.728	27 / 19.301	6 / 5.256	- / -	77 / 61.285
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	20 / 17.000	24 / 19.728	27 / 19.301	6 / 5.256	- / -	77 / 61.285
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>7.258</b>	<b>20.704</b>	<b>69.220</b>	<b>100.341</b>	<b>0.000</b>	<b>100.341</b>	<b>129.251</b>	<b>91.073</b>	<b>35.623</b>	<b>11.392</b>	<b>-</b>	<b>464.862</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13000 / C-130	<b>Modification Number / Title:</b> 8518 / C-130H Avionics Modernization Program (AMP) Increment 2

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 2:** C-130 AMP Incr 2 - B

**Manufacturer Information**

Manufacturer Name: L3Harris	Manufacturer Location: Waco, TX
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Jun 2025	Jun 2026	Jun 2027	Jun 2028	
Delivery Dates			Sep 2025	Sep 2026	Sep 2027	Sep 2028	

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	20 / 17.000	- / -	- / -	- / -	- / -	20 / 17.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 19.728	- / -	- / -	- / -	24 / 19.728
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 19.301	- / -	- / -	27 / 19.301
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 5.256	- / -	6 / 5.256
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	20 / 17.000	24 / 19.728	27 / 19.301	6 / 5.256	- / -	77 / 61.285

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	6	6	8	0	8	8	8	0	9	9	9	0	2	2	2	-	0	77
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	8	0	8	8	8	0	9	9	9	0	2	2	2	0	77

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C13000 / C-130			<b>Modification Number / Title:</b> 8518 / C-130H Avionics Modernization Program (AMP) Increment 2	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> COMMON: C-130H AMP Incr 2 - A							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C1300J / C-130J Mods

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0401132F, 0401897F **Other Related Program Elements:** 0401132F, 0401897F

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	865.640	120.456	121.258	206.904	-	206.904	204.142	212.652	232.080	196.776	599.642	2,759.550
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	865.640	120.456	121.258	206.904	-	206.904	204.142	212.652	232.080	196.776	599.642	2,759.550
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>865.640</b>	<b>120.456</b>	<b>121.258</b>	<b>206.904</b>	-	<b>206.904</b>	<b>204.142</b>	<b>212.652</b>	<b>232.080</b>	<b>196.776</b>	<b>599.642</b>	<b>2,759.550</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/Hs and the C-130J (short).

Other variants of the USAF C-130J fleet are all short-bodied aircraft and include the WC-130J (weather reconnaissance), HC-130J (combat search and rescue), MC-130J (special operations), and the AC-130J (close air support and armed reconnaissance).

As of March 2023, there have been 286 USAF C-130J aircraft deliveries. Variants include 141 C-130J; ten (10) C-130J (short); ten (10) WC-130J; 39 HC-130J; and, 86 MC/AC-130J. The designed service life is 35 years and the average service life remaining is 26.2 years.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

In FY 2024, the center wing box replacement program continues with the installation of enhanced service life (ESL) center wing kits and the procurement of ESL kits. Since Nov 2009, all production C-130Js have been delivered with the ESL center wing.

In order to better manage the fleet and to avoid simultaneously supporting three separate aircraft configurations (Block 6, Block 7 and Block 8.1), Blocks 7.0 and 8.1 have been combined into one aircraft modification program. This way the aircraft and trainers will only have to be modified one time. The Block 8.1 mod includes Block 7.0 content.

The international C-130J Block 8.1 operational test & evaluation (OT&E) is complete.

Mod 8668 WST (Weapons System Trainer) Threat Generators is a full-motion, full-mission simulators designed to simulate the operational and performance characteristics of the C-130J aircraft. No P-3A is available for this mod.

Block 8.1 includes ADS-B Out and Mode V IFF as well as 34 additional capabilities. In order to meet the Federal Aviation Administration (FAA) 2020 mandate, the USAF installed the Block 8.1 ADS-B Out/Mode V IFF solution on all C-130J variants not scheduled to receive Block 8.1 by January 2020. All C-130Js still require Block 8.1.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force			<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft			<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):		<b>Program Elements for Code B Items:</b> 0401132F, 0401897F		<b>Other Related Program Elements:</b> 0401132F, 0401897F	
<b>Line Item MDAP/MAIS Code:</b> N/A					

This funding includes Rapid Global Mobility (RGM) platform related activities including but not limited to fielding actions.

NOTE: USMC KC-130Js and USCG HC-130Js are following USAF's lead and will also field combined Block 7/8.1 aircraft.

Funding for this exhibit is contained in PE 0401132F and PE 0401897F.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	120.456	121.258	206.904	-	206.904	204.142	212.652	232.080	196.776
<b>Total:</b> Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>120.456</b>	<b>121.258</b>	<b>206.904</b>	-	<b>206.904</b>	<b>204.142</b>	<b>212.652</b>	<b>232.080</b>	<b>196.776</b>



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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C1300J / C-130J Mods

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0401132F, 0401897F **Other Related Program Elements:** 0401132F, 0401897F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-130J Mods				- / 95.535	- / 0.365	- / 4.790	- / 3.355	- / 0.000	- / 3.355
P-3a	5222 / BLOCK 8.1 (Capability Improvement)		B		- / 611.443	- / 107.001	- / 85.404	- / 151.218	- / 0.000	- / 151.218
P-3a	8646 / C-130J Center Wing Replacement (Service Life Extension)		A		- / 158.662	- / 13.090	- / 15.064	- / 17.324	- / 0.000	- / 17.324
P-3a	8669 / Communication Modernization (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 19.007	- / 0.000	- / 19.007
P-3a	8670 / EC-130J Conversion (Other)		B		- / -	- / -	- / 16.000	- / 16.000	- / 0.000	- / 16.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 865.640</b>	<b>- / 120.456</b>	<b>- / 121.258</b>	<b>- / 206.904</b>	<b>- / -</b>	<b>- / 206.904</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-130J Mods				- / 18.788	- / 0.999	- / 17.028	- / 21.566	- / 57.102	- / 219.528
P-3a	5222 / BLOCK 8.1 (Capability Improvement)		B		- / 130.461	- / 132.977	- / 156.899	- / 98.133	- / 180.625	- / 1,654.161
P-3a	8646 / C-130J Center Wing Replacement (Service Life Extension)		A		- / 14.946	- / 5.775	- / 10.740	- / 17.400	- / 20.564	- / 273.565
P-3a	8669 / Communication Modernization (Capability Improvement)		B		- / 34.947	- / 72.901	- / 47.413	- / 59.677	- / 341.351	- / 575.296
P-3a	8670 / EC-130J Conversion (Other)		B		- / 5.000	- / 0.000	- / 0.000	- / -	- / -	- / 37.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 204.142</b>	<b>- / 212.652</b>	<b>- / 232.080</b>	<b>- / 196.776</b>	<b>- / 599.642</b>	<b>- / 2,759.550</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod 8669, Communication Modernization, is a new start.

FY 2025 funding request includes: Block 8.1, C-130J Center Wing Replacement, Communication Modernization, WST Threat Generators, EC-130J Conversion, and Low Cost Mods.

The FY 2025 funding request was reduced by 11.9 million to account for the availability of prior year execution balances.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C1300J / C-130J Mods **Aggregated Modification Items Title:** C-130J Mods

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
.2612 / Avionics System and Structural Modifications			-	-	37.538	-	-	0.165	-	-	-	-	-	0.200	-	-	-	-	-	0.200
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.165	-	-	-	-	-	0.200	-	-	-	-	-	0.200
.5296 / Wind Gust Brake			-	-	39.849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8668 / WST Threat Generators			-	-	6.744	-	-	-	-	-	4.690	-	-	2.952	-	-	-	-	-	2.952
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	4.690	-	-	2.952	-	-	-	-	-	2.952
8671 / Outer Wing Replacement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99999X / Low Cost Modifications			-	-	11.404	-	-	0.200	-	-	0.100	-	-	0.203	-	-	-	-	-	0.203
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.200	-	-	0.100	-	-	0.203	-	-	-	-	-	0.203
<b>Total</b>			-	-	<b>95.535</b>	-	-	<b>0.365</b>	-	-	<b>4.790</b>	-	-	<b>3.355</b>	-	-	<b>0.000</b>	-	-	<b>3.355</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
.2612 / Avionics System and Structural Modifications			-	-	-	-	-	0.200	-	-	-	-	-	0.200	-	-	-	-	-	38.303
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.200	-	-	-	-	-	0.200	-	-	-	-	-	-
.5296 / Wind Gust Brake			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.849
8668 / WST Threat Generators			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.386
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8671 / Outer Wing Replacement			-	-	18.567	-	-	0.560	-	-	16.765	-	-	21.093	-	-	57.102	-	-	114.087
<i>Secondary Distribution</i>																				
AF			-	-	18.567	-	-	0.560	-	-	16.765	-	-	21.093	-	-	-	-	-	-
99999X / Low Cost Modifications			-	-	0.221	-	-	0.239	-	-	0.263	-	-	0.273	-	-	-	-	-	12.903
<i>Secondary Distribution</i>																				
AF			-	-	0.221	-	-	0.239	-	-	0.263	-	-	0.273	-	-	-	-	-	-

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C1300J / C-130J Mods **Aggregated Modification Items Title:** C-130J Mods

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Total</b>			-	-	18.788	-	-	0.999	-	-	17.028	-	-	21.566	-	-	57.102	-	-	219.528

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
_2612 / Avionics System and Structural Modifications	C-130J	Capability Improvement
_5296 / Wind Gust Brake	C-130J	Reliability & Maintainability
8668 / WST Threat Generators	C-130J	Capability Improvement
8671 / Outer Wing Replacement	C-130J	Service Life Extension
99999X / Low Cost Modifications	C-130J	Safety

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 5222 / BLOCK 8.1

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	611.443	107.001	85.404	151.218	0.000	151.218	130.461	132.977	156.899	98.133	180.625	1,654.161
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	611.443	107.001	85.404	151.218	0.000	151.218	130.461	132.977	156.899	98.133	180.625	1,654.161
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>611.443</b>	<b>107.001</b>	<b>85.404</b>	<b>151.218</b>	<b>0.000</b>	<b>151.218</b>	<b>130.461</b>	<b>132.977</b>	<b>156.899</b>	<b>98.133</b>	<b>180.625</b>	<b>1,654.161</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The C-130J combined 7.0 and 8.1 Block Upgrades (BU) modification program funds the procurement and installation of Communication, Navigation and Surveillance / Air Traffic Management (CNS/ATM) navigation safety and other aircraft hardware and software improvements on USAF C-130J aircraft and associated training systems. The combined BU 7.0 and 8.1 (now called just Block 8.1) is being implemented to maintain access to global airspace, enhance aircraft navigational accuracy and aircrew situational awareness. It increases overall C-130J operational utility/effectiveness and reduces C-130J systems/parts obsolescence.

Block 8.1 provides 38 capabilities for the C-130J including: a new Flight Management System, civil GPS, Link-16 (MIDS LVT BU2 and JTRS), digital maps, Mission Computer - Operational Flight Program (MC-OFP), a modified control yoke, Telecommunications Electronics Material Protected from Emanating Spurious Transmissions (TEMPEST) compliance, Identification Friend or Foe (IFF) Transponder Mode 5, Enhanced Inter-Communication System, CNS/ATM Civil Data Link and Automatic Dependent Surveillance Broadcast (ADS-B) out. HQ AMC procures the common Group B Kits only for the EC/HC Block 8.1 program. All variant unique hardware is procured by the applicable variant. HQ AMC is collaborating with AFRC and ANG units to provide funding in the out years to retrofit their respective units.

This funding request will support diminishing manufacturing sources and obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

This project contains procurement funding for related non-recurring engineering efforts, studies and risk reduction activities.

This project contains procurement funding for Program Support Costs (PSC) activities.

The number of kits procured is based on aircraft installations and available funding.

The ADS-B Out and Mode V IFF capability was accelerated ahead of the complete Block 8.1 mod in order to meet the Jan 2020 mandate and is included in this document.

This program includes costs for the following C-130J aircraft variants: C-130J stretch aircraft, C-130J short aircraft, WC-130J aircraft, and HC-130J aircraft.

This funding includes Rapid Global Mobility (RGM) platform related activities including but not limited to fielding actions such as kit buys, installation and support equipment.

The C-130J Block 8.1 program includes six Block 8.1 Group B kits per year, FY24-FY29 for the HC-130J Block 8.1 program. The HC-130J Block 8.1 Mod Program funds the Group A kits and Installation and is located in the HC/MC-130 Recap Mod program (P-62).

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 5222 / BLOCK 8.1
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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The WC-TKI kit production and installation NRE is included in the FY25.

This program includes cost for a Software Integration Lab (SIL) stand up as the depot source of repair (DSOR) states BU 7.0/8.1 software maintenance will be performed organically at WR-ALC.

This funding request will support removal of the Dynamic Re-tasking Capability during the install of Block 7.0/8.1.

The first combined Block 7.0/8.1 mod was delivered 1 Dec 2020.

**Milestone/Development Status**

Successful full rate production decision 1 Oct 2019.

BU 8.1 operational testing occurred 9 Jul 18 to 28 Sep 18 with no reported CAT 1 deficiencies, formal out brief provided to AMC 22 Jul 19.

An adversarial assessment was performed second quarter FY 2019; no new risks were identified. Full rate production decision approval - 1 Oct 19.

RAA milestone was achieved in 28 June 2022.

	<b>Secondary Distribution</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	107.001	85.404	151.218	-	151.218	130.461	132.977	156.899	98.133
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>107.001</b>	<b>85.404</b>	<b>151.218</b>	<b>0.000</b>	<b>151.218</b>	<b>130.461</b>	<b>132.977</b>	<b>156.899</b>	<b>98.133</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods					<b>Modification Number / Title:</b> 5222 / BLOCK 8.1			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401132F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401132F	- / 28.654	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.654	
<b>Procurement</b>													
<b>Modification Item 1 of 3: ADS-B Out</b>													
A Kits													
Recurring													
ADS-B Out:INSTALL KITS Group A (Active)	244 / 25.893	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	244 / 25.893	
<i>Subtotal: Recurring</i>	- / 25.893	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.893	
B Kits													
Recurring													
ADS-B Out:EQUIPMENT Group B (Active)	244 / 38.163	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	244 / 38.163	
<i>Subtotal: Recurring</i>	- / 38.163	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 38.163	
<i>Subtotal: ADS-B Out</i>	- / 64.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 64.056	
<b>Modification Item 2 of 3: Block 81 LAM Kit</b>													
A Kits													
Recurring													
Block 81 LAM Kit:INSTALL KITS Group A (Active)	79 / 74.420	12 / 14.240	6 / 6.744	12 / 13.772	- / -	12 / 13.772	8 / 9.374	9 / 10.767	12 / 14.658	8 / 9.977	13 / 16.553	159 / 170.505	
<i>Subtotal: Recurring</i>	- / 74.420	- / 14.240	- / 6.744	- / 13.772	- / -	- / 13.772	- / 9.374	- / 10.767	- / 14.658	- / 9.977	- / 16.553	- / 170.505	
B Kits													
Recurring													
Block 81 LAM Kit:EQUIPMENT Group B (Active)	79 / 126.524	12 / 28.800	6 / 15.550	12 / 29.107	- / -	12 / 29.107	8 / 21.614	9 / 24.826	12 / 33.796	8 / 23.004	13 / 38.167	159 / 341.388	
<i>Subtotal: Recurring</i>	- / 126.524	- / 28.800	- / 15.550	- / 29.107	- / -	- / 29.107	- / 21.614	- / 24.826	- / 33.796	- / 23.004	- / 38.167	- / 341.388	
<i>Subtotal: Block 81 LAM Kit</i>	- / 200.944	- / 43.040	- / 22.294	- / 42.879	- / -	- / 42.879	- / 30.988	- / 35.593	- / 48.454	- / 32.981	- / 54.720	- / 511.893	
<b>Modification Item 3 of 3: COMMON: HC-130J</b>													
B Kits													
Recurring													
COMMON: HC-130J:EQUIPMENT Group B (Active)	- / -	- / -	6 / 15.453	6 / 15.778	- / -	6 / 15.778	4 / 10.739	5 / 13.706	5 / 13.994	6 / 17.146	3 / 8.753	35 / 95.569	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 15.453	- / 15.778	- / -	- / 15.778	- / 10.739	- / 13.706	- / 13.994	- / 17.146	- / 8.753	- / 95.569	
<i>Subtotal: COMMON: HC-130J</i>	- / -	- / -	- / 15.453	- / 15.778	- / -	- / 15.778	- / 10.739	- / 13.706	- / 13.994	- / 17.146	- / 8.753	- / 95.569	
<i>Subtotal: Procurement, All Modification Items</i>	- / 265.000	- / 43.040	- / 37.747	- / 58.657	- / -	- / 58.657	- / 41.727	- / 49.299	- / 62.448	- / 50.127	- / 63.473	- / 671.518	
<b>Support (All Modification Items)</b>													

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods					<b>Modification Number / Title:</b> 5222 / BLOCK 8.1		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> C-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401132F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
GROUP B: TOTAL NONRECURRING	- / 39.496	- / -	- / -	- / -	- / -	- / -	- / 4.892	- / 5.009	- / 5.129	- / 0.525	- / -	- / 55.051
OTHER GOVT	- / 105.018	- / 12.446	- / 15.760	- / 36.800	- / -	- / 36.800	- / 19.925	- / 16.985	- / 19.665	- / 10.188	- / 34.684	- / 271.471
Data	- / 9.654	- / 0.200	- / 0.189	- / 0.259	- / -	- / 0.259	- / 0.705	- / 0.863	- / 1.637	- / -	- / -	- / 13.507
GFP	- / 30.949	- / 12.414	- / 1.750	- / 12.353	- / -	- / 12.353	- / 14.254	- / 10.469	- / 15.066	- / 7.258	- / 3.250	- / 107.763
SIM/TRAINER	- / 30.422	- / 9.900	- / 9.100	- / 8.868	- / -	- / 8.868	- / 17.441	- / 10.921	- / 14.256	- / -	- / -	- / 100.908
SUPPORT-EQUIP	- / 3.445	- / 1.000	- / 0.302	- / 1.542	- / -	- / 1.542	- / 1.505	- / 1.450	- / 1.650	- / 1.550	- / -	- / 12.444
ICS-Labor	- / 21.450	- / 7.900	- / 0.513	- / 2.713	- / -	- / 2.713	- / 3.503	- / 3.661	- / 5.522	- / -	- / -	- / 45.262
ICS-Material	- / 1.725	- / 1.176	- / 1.223	- / 1.241	- / -	- / 1.241	- / 1.425	- / 1.940	- / 1.320	- / 1.791	- / -	- / 11.841
PSC - Contractor Services	- / 29.106	- / 4.825	- / -	- / 3.525	- / -	- / 3.525	- / 5.929	- / 6.299	- / 7.174	- / 7.197	- / 27.366	- / 91.421
Mod of Spares	- / -	- / -	- / 6.506	- / 9.781	- / -	- / 9.781	- / 10.585	- / 8.071	- / 11.172	- / 7.359	- / 4.026	- / 57.500
<i>Subtotal: Support</i>	- / 271.265	- / 49.861	- / 35.343	- / 77.082	- / -	- / 77.082	- / 80.164	- / 65.668	- / 82.591	- / 35.868	- / 69.326	- / 767.168
<b>Installation</b>												
<i>Modification Item 1 of 3: ADS-B Out</i>	244 / 7.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	244 / 7.500
<i>Modification Item 2 of 3: Block 81 LAM Kit</i>	53 / 67.678	15 / 14.100	11 / 12.314	12 / 15.479	- / -	12 / 15.479	6 / 8.570	12 / 18.010	8 / 11.860	9 / 12.138	33 / 47.826	159 / 207.975
<i>Subtotal: Installation</i>	297 / 75.178	15 / 14.100	11 / 12.314	12 / 15.479	- / -	12 / 15.479	6 / 8.570	12 / 18.010	8 / 11.860	9 / 12.138	33 / 47.826	403 / 215.475
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>611.443</b>	<b>107.001</b>	<b>85.404</b>	<b>151.218</b>	<b>0.000</b>	<b>151.218</b>	<b>130.461</b>	<b>132.977</b>	<b>156.899</b>	<b>98.133</b>	<b>180.625</b>	<b>1,654.161</b>

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 5222 / BLOCK 8.1
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 3:** ADS-B Out

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Manufacturer Location: Marietta GA

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 7

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	244 / 7.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	244 / 7.500
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	244 / 7.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	244 / 7.500

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	244
Out	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	244



**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 5222 / BLOCK 8.1
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 2 of 3:** Block 81 LAM Kit

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Manufacturer Location: Marietta GA/Greenville SC

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 20

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Nov 2022	Nov 2023	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028
Delivery Dates	Jul 2024	Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	53 / 67.678	15 / 14.100	11 / 7.680	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 89.458
FY 2023	- / -	- / -	0 / 4.634	12 / 15.479	- / -	12 / 15.479	- / -	- / -	- / -	- / -	- / -	12 / 20.113
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	6 / 8.570	- / -	- / -	- / -	- / -	6 / 8.570
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 18.010	- / -	- / -	- / -	12 / 18.010
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 11.860	- / -	- / -	8 / 11.860
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 12.138	- / -	9 / 12.138
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 17.377	12 / 17.377
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 11.071	8 / 11.071
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 19.378	13 / 19.378
<b>Total</b>	53 / 67.678	15 / 14.100	11 / 12.314	12 / 15.479	- / -	12 / 15.479	6 / 8.570	12 / 18.010	8 / 11.860	9 / 12.138	33 / 47.826	159 / 207.975

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	53	4	4	4	3	2	3	3	3	3	3	3	3	1	1	2	2	3	3	3	3	2	2	2	2	3	2	2	2	33	159
Out	53	4	4	4	3	2	3	3	3	3	3	3	3	1	1	2	2	3	3	3	3	2	2	2	2	3	2	2	2	33	159

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods			<b>Modification Number / Title:</b> 5222 / BLOCK 8.1	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 3 of 3:</b> COMMON: HC-130J							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 0	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8646 / C-130J Center Wing Replacement

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	158.662	13.090	15.064	17.324	0.000	17.324	14.946	5.775	10.740	17.400	20.564	273.565
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	158.662	13.090	15.064	17.324	0.000	17.324	14.946	5.775	10.740	17.400	20.564	273.565
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>158.662</b>	<b>13.090</b>	<b>15.064</b>	<b>17.324</b>	<b>0.000</b>	<b>17.324</b>	<b>14.946</b>	<b>5.775</b>	<b>10.740</b>	<b>17.400</b>	<b>20.564</b>	<b>273.565</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program replaces the Center Wing Box (CWB) on C-130J aircraft with an extended service life (ESL) center wing. The ESL wing has been the standard production wing since Nov 2009. The first 77 C-130Js were built with the legacy C-130H center wing. The legacy wing has a life of 38,500 equivalent flying hours (EFH) before flight restrictions are imposed. The severity of the flight environment dictates how rapidly a wing needs to be replaced. The planes at the C-130J schoolhouse require replacement first, as virtually all of their flight hours are tactical. Validated Requirements Document: AF IMT 1067 (Modification Proposal) AMC-11-115, dated 19 Sep 11.

C-130J CWR is projected to require a follow-on contract in the FY25 timeframe. Based on current flight hour projections, beyond FY25, the requirement to replace expended CWBs will maintain a fairly steady state of two-to-three replacements per year for the remainder of the program (30 aircraft).

Milestone/Development Status

N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.090	15.064	17.324	-	17.324	14.946	5.775	10.740	17.400
<b>Total:</b> Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>13.090</b>	<b>15.064</b>	<b>17.324</b>	<b>0.000</b>	<b>17.324</b>	<b>14.946</b>	<b>5.775</b>	<b>10.740</b>	<b>17.400</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods						<b>Modification Number / Title:</b> 8646 / C-130J Center Wing Replacement			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-130J				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Install Kit C-130J Contract 1 Group A</i>													
A Kits													
Recurring													
Install Kit C-130J Contract 1 Group A:INSTALL KITS Group A (Active)	26 / 98.245	4 / 12.150	- / -	- / -	- / -	- / -	- / -	1 / 5.212	1 / 5.327	2 / 10.888	1 / 5.564	35 / 137.386	
Install Kit C-130J Contract 1 Group A:INSTALL KITS Group A (Reserve)	- / 4.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.330	
<i>Subtotal: Recurring</i>	- / 102.575	- / 12.150	- / -	- / -	- / -	- / -	- / -	- / 5.212	- / 5.327	- / 10.888	- / 5.564	- / 141.716	
<i>Subtotal: Install Kit C-130J Contract 1 Group A</i>	- / 102.575	- / 12.150	- / -	- / -	- / -	- / -	- / -	- / 5.212	- / 5.327	- / 10.888	- / 5.564	- / 141.716	
<i>Subtotal: Procurement, All Modification Items</i>	- / 102.575	- / 12.150	- / -	- / -	- / -	- / -	- / -	- / 5.212	- / 5.327	- / 10.888	- / 5.564	- / 141.716	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 8.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.240	
Change Orders	- / 0.579	- / 0.384	- / 0.445	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.408	
Data	- / 1.382	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.382	
OCO INSTALLATIONS	- / 0.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.004	
PMA - Contractor Services	- / 4.338	- / 0.518	- / 0.550	- / 0.530	- / -	- / 0.530	- / 0.179	- / 0.110	- / 0.110	- / -	- / -	- / 6.335	
PMA - Other Gov't Costs	- / 0.158	- / 0.038	- / 0.569	- / 0.794	- / -	- / 0.794	- / -	- / 0.453	- / -	- / -	- / -	- / 2.012	
<i>Subtotal: Support</i>	- / 14.701	- / 0.940	- / 1.564	- / 1.324	- / -	- / 1.324	- / 0.179	- / 0.563	- / 0.110	- / -	- / -	- / 19.381	
<b>Installation</b>													
<i>Modification Item 1 of 1: Install Kit C-130J Contract 1 Group A</i>	15 / 41.386	- / -	2 / 13.500	3 / 16.000	- / -	3 / 16.000	3 / 14.767	3 / 0.000	2 / 5.303	2 / 6.512	5 / 15.000	35 / 112.468	
<i>Subtotal: Installation</i>	15 / 41.386	- / -	2 / 13.500	3 / 16.000	- / -	3 / 16.000	3 / 14.767	3 / 0.000	2 / 5.303	2 / 6.512	5 / 15.000	35 / 112.468	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>158.662</b>	<b>13.090</b>	<b>15.064</b>	<b>17.324</b>	<b>0.000</b>	<b>17.324</b>	<b>14.946</b>	<b>5.775</b>	<b>10.740</b>	<b>17.400</b>	<b>20.564</b>	<b>273.565</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8646 / C-130J Center Wing Replacement
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Install Kit C-130J Contract 1 Group A

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Aero	Manufacturer Location: Marietta GA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 27

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jan 2023				Jan 2027	Jan 2028	Jan 2029
Delivery Dates	Apr 2025				Apr 2029	Apr 2030	Apr 2031

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	15 / 41.386	- / -	2 / 13.500	3 / 16.000	- / -	3 / 16.000	3 / 14.767	3 / 0.000	- / -	- / -	- / -	26 / 85.653
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 5.303	2 / 6.512	- / -	4 / 11.815
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.000	1 / 5.000
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.000	1 / 5.000
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.000	2 / 0.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.000	1 / 5.000
<b>Total</b>	15 / 41.386	- / -	2 / 13.500	3 / 16.000	- / -	3 / 16.000	3 / 14.767	3 / 0.000	2 / 5.303	2 / 6.512	5 / 15.000	35 / 112.468

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	-	-	-	-	2	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	2	-	-	-	2	-	-	-	5	35
Out	12	-	1	1	-	-	1	-	-	-	1	1	-	-	1	1	1	-	1	1	1	-	-	1	1	-	-	1	1	8	35

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8669 / Communication Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	0.000	19.007	0.000	19.007	34.947	72.901	47.413	59.677	341.351	575.296
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	0.000	19.007	0.000	19.007	34.947	72.901	47.413	59.677	341.351	575.296
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>19.007</b>	<b>0.000</b>	<b>19.007</b>	<b>34.947</b>	<b>72.901</b>	<b>47.413</b>	<b>59.677</b>	<b>341.351</b>	<b>575.296</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 8669, Communication Modernization, is a new start. The C-130J Communication Modernization Program is the vehicle that will allow the C-130J to meet the SecAF Crypto Mandate requirements. The C-130J requires global Beyond Line of Sight (BLOS) secure voice communications (classified up to SECRET) via Ultra High Frequency Military Satellite Communication (UHF MILSATCOM) connectivity. Funding timelines and UHF Follow-On MILSATCOM end of life, projected in 2024, dictate a Mobile User Objective System (MUOS)-capable radio solution in order to fully utilize Department of Defense' (DOD) new UHF MILSATCOM constellation and waveform. The MUOS satellite constellation and radios will support backwards compatible secure BLOS communications connectivity with legacy users of the Non-Demand Assigned Multiple Access (DAMA) and Integrated Waveform (IW) communications systems.

The C-130J requires Line of Sight (LOS) with significantly improved anti-jam capability provided by SATURN to remain interoperable with other AF, DOD, NATO and coalition aircraft. SATURN is the next generation UHF LOS anti-jam capability that will supplement and replace the currently installed HAVE QUICK II UHF LOS anti-jam capability. HAVE QUICK II UHF LOS waveform is set to retire 1 October 2024.

This project contains procurement funding for Program Support Costs (PSC) activities.

Integration and modification of the new radio/radio defense systems to include, but not limited to, Mobile User Objective System (MUOS), Second-generation Anti-jam Tactical UHF Radio for NATO (SATURN), Joint Range Extension Application Protocols (JREAP) to modernize Military Satellite Communication System (MILSATCOM), Ultra High Frequency (UHF), High Frequency (HF), Radio Frequency (RF) threat detection (ALR-69A) and countermeasures (Digital RF Memory), and data link messaging. These systems will provide secure, global LOS and BLOS satellite voice and data connectivity utilizing modern satellite constellations and waveforms.

**Milestone/Development Status**

Development started in FY23 with 3600 funds.

Development of the new radio systems to include, but not limited to, Mobile User Objective System (MUOS), Second-generation Anti-jam Tactical UHF Radio for NATO (SATURN), Joint Range Extension Application Protocols (JREAP) to modernize Military Satellite Communication System (MILSATCOM), Ultra High Frequency (UHF), High Frequency (HF), and data link messaging. These systems will provide secure, global Line of Sight (LOS) and Beyond Line of Sight (BLOS) satellite voice and data connectivity utilizing modern satellite constellations and waveforms.

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8669 / Communication Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	19.007	-	19.007	34.947	72.901	47.413	59.677
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>0.000</b>	<b>0.000</b>	<b>19.007</b>	<b>0.000</b>	<b>19.007</b>	<b>34.947</b>	<b>72.901</b>	<b>47.413</b>	<b>59.677</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods					<b>Modification Number / Title:</b> 8669 / Communication Modernization			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401132F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: COMM MOD</i>													
A Kits													
Recurring													
COMM MOD:INSTALL KITS Group A (Active)	- / -	- / -	- / -	55 / 2.649	- / -	55 / 2.649	55 / 2.696	79 / 5.830	12 / 1.573	20 / 2.681	142 / 15.288	363 / 30.717	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 2.649	- / -	- / 2.649	- / 2.696	- / 5.830	- / 1.573	- / 2.681	- / 15.288	- / 30.717	
B Kits													
Recurring													
COMM MOD:EQUIPMENT Group B (Active)	- / -	- / -	- / -	55 / 10.411	- / -	55 / 10.411	55 / 10.650	79 / 33.507	12 / 11.566	20 / 19.720	142 / 112.439	363 / 198.293	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 10.411	- / -	- / 10.411	- / 10.650	- / 33.507	- / 11.566	- / 19.720	- / 112.439	- / 198.293	
<i>Subtotal: COMM MOD</i>	- / -	- / -	- / -	- / 13.060	- / -	- / 13.060	- / 13.346	- / 39.337	- / 13.139	- / 22.401	- / 127.727	- / 229.010	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 13.060	- / -	- / 13.060	- / 13.346	- / 39.337	- / 13.139	- / 22.401	- / 127.727	- / 229.010	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / -	- / -	- / -	- / 3.785	- / -	- / 3.785	- / 6.458	- / 15.845	- / 8.862	- / 11.947	- / 69.467	- / 116.364	
ICS-Labor	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.171	- / 10.175	- / 0.298	- / 0.304	- / 0.311	- / 1.259	
SIM/TRAINER	- / -	- / -	- / -	- / 10.071	- / -	- / 10.071	- / 1.525	- / 1.115	- / 1.315	- / 0.731	- / -	- / 4.757	
Data	- / -	- / -	- / -	- / 0.342	- / -	- / 0.342	- / 0.612	- / 0.626	- / 0.756	- / 1.015	- / 6.547	- / 9.898	
Mod of Spares	- / -	- / -	- / -	- / 1.749	- / -	- / 1.749	- / 1.788	- / 4.485	- / 1.359	- / 2.316	- / 13.216	- / 24.913	
<i>Subtotal: Support</i>	- / -	- / -	- / -	- / 5.947	- / -	- / 5.947	- / 10.554	- / 22.246	- / 12.590	- / 16.313	- / 89.541	- / 157.191	
<b>Installation</b>													
<i>Modification Item 1 of 1: COMM MOD</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	13 / 11.047	55 / 11.318	55 / 21.684	60 / 20.963	180 / 124.083	363 / 189.095	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>19.007</b>	<b>0.000</b>	<b>19.007</b>	<b>34.947</b>	<b>72.901</b>	<b>47.413</b>	<b>59.677</b>	<b>341.351</b>	<b>575.296</b>	



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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8669 / Communication Modernization
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** COMM MOD

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Marietta, GA
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 9

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates			Sep 2025	Sep 2026	Sep 2027	Sep 2028	Sep 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	13 / 11.047	42 / 0.000	- / -	- / -	- / -	55 / 11.047
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 11.318	42 / 0.000	- / -	- / -	55 / 11.318
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 21.684	60 / 10.482	6 / 0.000	79 / 32.166
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 10.481	12 / 0.000	12 / 10.481
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 18.052	20 / 18.052
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	142 / 106.031	142 / 106.031
Total	- / -	- / -	- / -	- / -	- / -	- / -	13 / 11.047	55 / 11.318	55 / 21.684	60 / 20.963	180 / 124.083	363 / 189.095

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	14	14	14	13	14	14	14	13	15	15	15	15	180	363
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	14	14	14	13	14	14	14	13	15	15	15	195	363

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8670 / EC-130J Conversion

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	16.000	16.000	0.000	16.000	5.000	0.000	0.000	-	-	37.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	16.000	16.000	0.000	16.000	5.000	0.000	0.000	-	-	37.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>16.000</b>	<b>16.000</b>	<b>0.000</b>	<b>16.000</b>	<b>5.000</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>37.000</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USSOCOM is phasing out the seven EC-130Js and converting the unit to MC-130Js. The seven EC-130Js are being re-purposed as they have a lot of life remaining. Two of the EC-130J Super Js will be converted back to their original C-130J configuration. They will be based at Little Rock AFB in the 189 AW (ANG) and augment the C-130J Formal Training Unit.

All excess wiring, fuel-plumbing and peculiar systems will be removed and common systems will be returned to the basic C-130J locations. Peculiar C-130J systems, not on an EC-130J, will be reinstalled.

The SPO (System Program Office) has not completed the programmatic schedule to determine the month and calendar year for any of the Evaluation Tests: (Developmental Test & Evaluation (DTE), Initial Operational Test & Evaluation (IOT&E), Operational Test & Evaluation (OTE)) and is TBD.

Milestone/Development Status

N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	16.000	16.000	-	16.000	5.000	0.000	-	-
<b>Total:</b> Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	<b>16.000</b>	<b>16.000</b>	<b>0.000</b>	<b>16.000</b>	<b>5.000</b>	<b>0.000</b>	<b>0.000</b>	-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods					<b>Modification Number / Title:</b> 8670 / EC-130J Conversion			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-130J				<b>Modification Type:</b> Other				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> EC Conversion													
A Kits													
Recurring													
EC Conversion:INSTALL KITS Group A (Active)	- / -	- / -	1 / 8.000	1 / 8.000	- / -	1 / 8.000	- / -	- / -	- / -	- / -	- / -	2 / 16.000	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 8.000	- / 8.000	- / -	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / 16.000	
<i>Subtotal: EC Conversion</i>	- / -	- / -	- / 8.000	- / 8.000	- / -	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / 16.000	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / 8.000	- / 8.000	- / -	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / 16.000	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / -	- / 5.881	- / 5.881	- / -	- / 5.881	- / 5.000	- / -	- / -	- / -	- / -	- / 16.762	
PMA - Contractor Services	- / -	- / -	- / 0.250	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / -	- / 0.500	
PMA - Other Gov't Costs	- / -	- / -	- / 1.869	- / 1.869	- / -	- / 1.869	- / -	- / -	- / -	- / -	- / -	- / 13.738	
<i>Subtotal: Support</i>	- / -	- / -	- / 8.000	- / 8.000	- / -	- / 8.000	- / 5.000	- / -	- / -	- / -	- / -	- / 21.000	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> EC Conversion													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	1 / 0.000	- / -	- / -	- / -	2 / 0.000	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	16.000	16.000	0.000	16.000	5.000	0.000	0.000	-	-	37.000	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C1300J / C-130J Mods	<b>Modification Number / Title:</b> 8670 / EC-130J Conversion
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** EC Conversion

**Manufacturer Information**

Manufacturer Name: NA	Manufacturer Location: NA
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 28

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Apr 2024	Apr 2025				
Delivery Dates		Aug 2026	Aug 2027				

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	- / -	- / -	- / -	- / -	1 / 0.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	- / -	- / -	- / -	1 / 0.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	1 / 0.000	- / -	- / -	- / -	2 / 0.000

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	0	2
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	0	2

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C13500 / C-135

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0401218F **Other Related Program Elements:** 0401218F

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	600.374	144.557	153.595	146.564	-	146.564	176.454	139.928	206.590	171.045	311.378	2,050.485
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	600.374	144.557	153.595	146.564	-	146.564	176.454	139.928	206.590	171.045	311.378	2,050.485
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>600.374</b>	<b>144.557</b>	<b>153.595</b>	<b>146.564</b>	-	<b>146.564</b>	<b>176.454</b>	<b>139.928</b>	<b>206.590</b>	<b>171.045</b>	<b>311.378</b>	<b>2,050.485</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The KC-135 is the US Air Force's (USAF) aerial refueling workhorse. In FY 2023, USAF KC-135s offloaded 64,946,367 gallons of fuel and refueled 38,360 aircraft in support of global operations. KC-135 modernization funding is vital to ensure the KC-135 fleet can support global aerial refueling operations to 2050 and beyond.

The C/KC-135 is a four-engine aircraft used for long range cargo, passenger airlift and to support theater commanders. The C/KC-135 provides air refueling through either the refueling boom or drogue. As a cargo aircraft, the C/KC-135 can carry six (6) standard 463-L pallets. There are 376 aircraft (375 R/Ts, plus one test tanker) in the C/KC-135 inventory. There are no special purpose aircraft in the C/KC-135 inventory. With an average age of 62 years, the designed service life varies within the fleet with prioritized aircraft for retention certified up to 53,000 flight hours. As the fleet averages 900 flight hours per year, the estimated service life remaining is 30 years (approximately 2053).

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Due to an inadvertent database error, the FY25 funding in P-1 Line 70 of \$15.031 million, was intended for this line (P-1 Line P-51). This funding is intended to start MAF Connectivity procurement in FY25.

Funding for this exhibit is contained in PE 0401218F.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	93.044	100.977	92.012	-	92.012	131.545	91.703	123.551	86.000
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	33.242	36.152	38.054	-	38.054	31.524	31.721	54.490	60.001

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> C13500 / C-135
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0401218F	<b>Other Related Program Elements:</b> 0401218F
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**Line Item MDAP/MAIS Code:** N/A

		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
<b>Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	18.271	16.466	16.498	-	16.498	13.385	16.504	28.549	25.044
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>144.557</b>	<b>153.595</b>	<b>146.564</b>	-	<b>146.564</b>	<b>176.454</b>	<b>139.928</b>	<b>206.590</b>	<b>171.045</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
C13500 / C-135

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0401218F **Other Related Program Elements:** 0401218F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-135				- / 532.225	- / 72.113	- / 56.291	- / 12.311	- / 0.000	- / 12.311
P-3a	9826 / Rudder Position Indicator (RPI) (Capability Improvement)		A		- / 22.304	- / 3.723	- / 7.508	- / 7.976	- / 0.000	- / 7.976
P-3a	9828 / Real Time in the Cockpit (RTIC) (Capability Improvement)		A		- / 45.845	- / 43.832	- / 30.689	- / 23.568	- / 0.000	- / 23.568
P-3a	9829 / MUOS Radios (Capability Improvement)		B		- / 0.000	- / 19.852	- / 32.405	- / 46.574	- / 0.000	- / 46.574
P-3a	9831 / COMM2 Crypto and Data (Capability Improvement)		B		- / -	- / 5.037	- / 26.178	- / 31.467	- / 0.000	- / 31.467
P-3a	9832 / HF Modernization (Capability Improvement)		B		- / -	- / -	- / 0.524	- / 24.668	- / 0.000	- / 24.668
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 600.374</b>	<b>- / 144.557</b>	<b>- / 153.595</b>	<b>- / 146.564</b>	<b>- / -</b>	<b>- / 146.564</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	C-135				- / 56.354	- / 101.163	- / 204.014	- / 171.045	- / 311.378	- / 1,516.894
P-3a	9826 / Rudder Position Indicator (RPI) (Capability Improvement)		A		- / 4.448	- / 4.432	- / 1.576	- / 0.000	- / -	- / 51.967
P-3a	9828 / Real Time in the Cockpit (RTIC) (Capability Improvement)		A		- / 13.199	- / 0.000	- / -	- / -	- / -	- / 157.133
P-3a	9829 / MUOS Radios (Capability Improvement)		B		- / 27.492	- / 1.002	- / 0.000	- / -	- / -	- / 127.325
P-3a	9831 / COMM2 Crypto and Data (Capability Improvement)		B		- / 22.381	- / 1.469	- / 0.000	- / -	- / -	- / 86.532
P-3a	9832 / HF Modernization (Capability Improvement)		B		- / 52.580	- / 31.862	- / 1.000	- / 0.000	- / -	- / 110.634
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 176.454</b>	<b>- / 139.928</b>	<b>- / 206.590</b>	<b>- / 171.045</b>	<b>- / 311.378</b>	<b>- / 2,050.485</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY 2025 primary efforts include: KC-135 Block 45, RPI, AERO-I SATCOM, RTIC, Mobile User Objective System (MUOS) Radios, COMM 2 C&D, and High Frequency Modernization (HFM). All efforts are necessary to modernize KC-135 to support aerial refueling requirements through 2050.

The FY 2025 funding request was reduced by \$38.662 million to account for the availability of prior year execution balances.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Aggregated Modification Items Title:</b> C-135
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8653 / BLOCK 45			-	-	469.436	-	-	44.165	-	-	43.508	-	-	4.695	-	-	-	-	-	4.695
<i>Secondary Distribution</i>																				
AF				-	-		-	14.882		-	34.169		-	4.695		-	-		-	4.695
AFNG				-	-		-	17.822		-	4.939		-	-		-	-		-	-
AFR				-	-		-	11.461		-	4.400		-	-		-	-		-	-
9818 / VOR/ILS ANTENNAE			-	-	10.111	-	-	11.612	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	11.612		-	-		-	-		-	-		-	-
9824 / ADS-B			-	-	14.356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9827 / KC-135 AERO-I SATCOM replacement			-	-	19.569	-	-	11.181	-	-	4.492	-	-	4.207	-	-	-	-	-	4.207
<i>Secondary Distribution</i>																				
AF				-	-		-	4.595		-	2.584		-	3.994		-	-		-	3.994
AFNG				-	-		-	4.550		-	1.327		-	0.152		-	-		-	0.152
AFR				-	-		-	2.036		-	0.581		-	0.061		-	-		-	0.061
9830 / Center Console Refresh			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-
9833 / KC-135 Air Contour System/Aft Body Drag Reduction			-	-	-	-	-	0.080	-	-	2.470	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	0.080		-	1.660		-	-		-	-		-	-
AFNG				-	-		-	-		-	0.660		-	-		-	-		-	-
AFR				-	-		-	-		-	0.150		-	-		-	-		-	-
9834 / KC-135 Vertical Wipers			-	-	-	-	-	0.080	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000
<i>Secondary Distribution</i>																				
AF				-	-		-	0.080		-	0.535		-	0.389		-	-		-	0.389
AFNG				-	-		-	-		-	0.320		-	0.422		-	-		-	0.422
AFR				-	-		-	-		-	0.145		-	0.189		-	-		-	0.189
9835 / KC-135 Winglets			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-



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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C13500 / C-135 **Aggregated Modification Items Title:** C-135

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
99999A / LOW COST SAFETY MODIFICATIONS			-	-	-	-	-	-	-	-	-	-	-	0.025	-	-	-	-	-	0.025
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	0.025		-	-		-	0.025
99999X / Low Cost Modifications			-	-	18.753	-	-	4.995	-	-	4.821	-	-	2.384	-	-	-	-	-	2.384
<i>Secondary Distribution</i>																				
AF				-	-		-	4.995		-	0.307		-	2.384		-	-		-	2.384
AFNG				-	-		-	-		-	4.514		-	-		-	-		-	-
<b>Total</b>			-	-	<b>532.225</b>	-	-	<b>72.113</b>	-	-	<b>56.291</b>	-	-	<b>12.311</b>	-	-	<b>0.000</b>	-	-	<b>12.311</b>
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8653 / BLOCK 45			-	-	14.962	-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	577.766
<i>Secondary Distribution</i>																				
AF				-	14.962		-	1.000		-	-		-	-		-	-		-	-
AFNG				-	0.000		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-
9818 / VOR/ILS ANTENNAE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.723
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
9824 / ADS-B			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.356
9827 / KC-135 AERO-I SATCOM replacement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.449
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
AFR				-	-		-	-		-	-		-	-		-	-		-	-
9830 / Center Console Refresh			-	-	1.000	-	-	59.143	-	-	162.942	-	-	166.025	-	-	311.378	-	-	700.488
<i>Secondary Distribution</i>																				
AF				-	1.000		-	29.468		-	81.879		-	80.980		-	-		-	-
AFNG				-	-		-	18.739		-	54.074		-	60.001		-	-		-	-
AFR				-	-		-	10.936		-	26.989		-	25.044		-	-		-	-
9833 / KC-135 Air Contour System/Aft Body Drag Reduction			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.550

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** C13500 / C-135 **Aggregated Modification Items Title:** C-135

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AFNG			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AFR			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9834 / KC-135 Vertical Wipers			-	-	1.000	-	-	1.000	-	-	1.052	-	-	1.000	-	-	-	-	6.132	
<i>Secondary Distribution</i>																				
AF			-	-	0.389	-	-	0.389	-	-	0.450	-	-	1.000	-	-	-	-	-	
AFNG			-	-	0.422	-	-	0.422	-	-	0.416	-	-	-	-	-	-	-	-	
AFR			-	-	0.189	-	-	0.189	-	-	0.186	-	-	-	-	-	-	-	-	
9835 / KC-135 Winglets			-	-	34.372	-	-	35.000	-	-	35.000	-	-	-	-	-	-	-	104.372	
<i>Secondary Distribution</i>																				
AF			-	-	34.372	-	-	35.000	-	-	35.000	-	-	-	-	-	-	-	-	
99999A / LOW COST SAFETY MODIFICATIONS			-	-	0.025	-	-	0.025	-	-	0.025	-	-	0.025	-	-	-	-	0.125	
<i>Secondary Distribution</i>																				
AF			-	-	0.025	-	-	0.025	-	-	0.025	-	-	0.025	-	-	-	-	-	
99999X / Low Cost Modifications			-	-	4.995	-	-	4.995	-	-	4.995	-	-	3.995	-	-	-	-	49.933	
<i>Secondary Distribution</i>																				
AF			-	-	4.995	-	-	4.995	-	-	4.995	-	-	3.995	-	-	-	-	-	
AFNG			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>56.354</b>	-	-	<b>101.163</b>	-	-	<b>204.014</b>	-	-	<b>171.045</b>	-	-	<b>311.378</b>	-	<b>1,516.894</b>	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
8653 / BLOCK 45	KC-135	Capability Improvement
9818 / VOR/ILS ANTENNAE	KC-135	Capability Improvement
9824 / ADS-B	KC-135	Capability Improvement
9827 / KC-135 AERO-I SATCOM replacement	KC-135	Reliability & Maintainability
9830 / Center Console Refresh	KC-135	Capability Improvement
9833 / KC-135 Air Contour System/Aft Body Drag Reduction	KC-135	Capability Improvement
9834 / KC-135 Vertical Wipers	KC-135	Capability Improvement

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Aggregated Modification Items Title:</b> C-135
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Item Number / Title	Models of Systems Affected	Modification Type
9835 / KC-135 Winglets	KC-135	Capability Improvement
99999A / LOW COST SAFETY MODIFICATIONS	KC-135	Capability Improvement
99999X / Low Cost Modifications	KC-135	Capability Improvement

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9826 / Rudder Position Indicator (RPI)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	22.304	3.723	7.508	7.976	0.000	7.976	4.448	4.432	1.576	0.000	-	51.967
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	22.304	3.723	7.508	7.976	0.000	7.976	4.448	4.432	1.576	0.000	-	51.967
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>22.304</b>	<b>3.723</b>	<b>7.508</b>	<b>7.976</b>	<b>0.000</b>	<b>7.976</b>	<b>4.448</b>	<b>4.432</b>	<b>1.576</b>	<b>0.000</b>	<b>-</b>	<b>51.967</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Rudder Position Indicator (RPI) program installs a display on each side of the cockpit showing the actual and commanded rudder position that will visually identify differences to the crew. Changing the function of the existing rudder command indicator to display actual and commanded rudder position is needed to provide aircrew situational awareness if dangerous errant rudder deflections occur. (PE 0401218F)

AF Form 1067 AMC, 14-096. Safety critical modification stemming from the Shell 77 accident that resulted in the loss of its crew.

Scope: 349 aircraft being modified during scheduled Programmed Depot Maintenance (PDM) maintenance beginning in FY 2022 and ending in FY 2028, first PDM production installs began February 2022.

FY 2020 Installations kits were delivered and installed ahead of normal delivery schedule lead time.

FY 2025 Funding and Milestones: \$7.976M; Post Milestone C; Kit Validation/Verification. A/B Kit purchase and installation.

FY 2026 Funding and Milestones: \$5.238M; Post Milestone C; Kit Validation/Verification. A/B Kit installation.

FY 2027 Funding and Milestones: \$4.732M; Post Milestone C; Kit Validation/Verification. A/B Kit installation.

FY 2028 Funding and Milestones: \$2.628M; Post Milestone C; Kit Validation/Verification. Kit installation and final data.

**Milestone/Development Status**

Materiel Development Decision/Acquisition Strategy Panel: Sep 18

Milestone-C: Nov 19

First Prototype Install: Nov 21 - Feb 22

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF Quantity	-	-	-	-	-	-	-	-	-

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9826 / Rudder Position Indicator (RPI)
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

	<b>Secondary Distribution</b>	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	1.861	3.230	4.233	-	4.233	2.580	1.644	0.202	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.186	2.775	3.010	-	3.010	1.868	2.092	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.676	1.503	0.733	-	0.733	-	0.696	1.374	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>3.723</b>	<b>7.508</b>	<b>7.976</b>	<b>0.000</b>	<b>7.976</b>	<b>4.448</b>	<b>4.432</b>	<b>1.576</b>	<b>0.000</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C13500 / C-135					<b>Modification Number / Title:</b> 9826 / Rudder Position Indicator (RPI)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> RPI A													
A Kits													
Recurring													
RPI A:INSTALL KITS Group A (Active)	52 / 1.452	15 / 0.455	49 / 1.483	40 / 0.990	- / -	40 / 0.990	- / -	- / -	- / -	- / -	- / -	156 / 4.380	
RPI A:INSTALL KITS Group A (Guard)	31 / 1.173	15 / 0.455	51 / 1.558	38 / 0.805	- / -	38 / 0.805	- / -	- / -	- / -	- / -	- / -	135 / 3.991	
RPI A:INSTALL KITS Group A (Reserve)	13 / 0.923	12 / 0.365	25 / 0.570	8 / 0.248	- / -	8 / 0.248	- / -	- / -	- / -	- / -	- / -	58 / 2.106	
<i>Subtotal: Recurring</i>	- / 3.548	- / 1.275	- / 3.611	- / 2.043	- / -	- / 2.043	- / -	- / -	- / -	- / -	- / -	- / 10.477	
B Kits													
Recurring													
RPI A:EQUIPMENT Group B (Active)	72 / 1.342	42 / 0.331	32 / 0.802	10 / 0.185	- / -	10 / 0.185	- / -	- / -	- / -	- / -	- / -	156 / 2.660	
RPI A:EQUIPMENT Group B (Guard)	71 / 1.336	28 / 0.221	28 / 0.670	8 / 0.148	- / -	8 / 0.148	- / -	- / -	- / -	- / -	- / -	135 / 2.375	
RPI A:EQUIPMENT Group B (Reserve)	27 / 0.518	14 / 0.111	15 / 0.375	2 / 0.037	- / -	2 / 0.037	- / -	- / -	- / -	- / -	- / -	58 / 1.041	
<i>Subtotal: Recurring</i>	- / 3.196	- / 0.663	- / 1.847	- / 0.370	- / -	- / 0.370	- / -	- / -	- / -	- / -	- / -	- / 6.076	
<i>Subtotal: RPI A</i>	- / 6.744	- / 1.938	- / 5.458	- / 2.413	- / -	- / 2.413	- / -	- / -	- / -	- / -	- / -	- / 16.553	
<i>Subtotal: Procurement, All Modification Items</i>	- / 6.744	- / 1.938	- / 5.458	- / 2.413	- / -	- / 2.413	- / -	- / -	- / -	- / -	- / -	- / 16.553	
<b>Support (All Modification Items)</b>													
Change Orders	- / 6.007	- / -	- / 0.003	- / 0.363	- / -	- / 0.363	- / 0.010	- / -	- / -	- / -	- / -	- / 6.383	
Data	- / 0.000	- / -	- / -	- / 0.715	- / -	- / 0.715	- / -	- / -	- / -	- / -	- / -	- / 0.715	
SIM/TRAINER	19 / 2.464	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 2.464	
PSC - Contractor Services	- / 4.268	- / -	- / 0.298	- / 0.429	- / -	- / 0.429	- / 0.305	- / 0.318	- / -	- / -	- / -	- / 5.618	
PSC - Other Gov't Costs	- / 0.006	- / 0.002	- / -	- / 0.011	- / -	- / 0.011	- / -	- / -	- / -	- / -	- / -	- / 0.019	
OTHER GOVT	- / 0.043	- / 0.024	- / -	- / 0.020	- / -	- / 0.020	- / -	- / -	- / -	- / -	- / -	- / 0.087	
<i>Subtotal: Support</i>	19 / 12.788	- / 0.026	- / 0.301	- / 1.538	- / -	- / 1.538	- / 0.315	- / 0.318	- / -	- / -	- / -	19 / 15.286	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> RPI A	50 / 2.772	35 / 1.759	35 / 1.749	70 / 4.025	- / -	70 / 4.025	70 / 4.133	70 / 4.114	19 / 1.576	- / -	- / -	349 / 20.128	
<i>Subtotal: Installation</i>	50 / 2.772	35 / 1.759	35 / 1.749	70 / 4.025	- / -	70 / 4.025	70 / 4.133	70 / 4.114	19 / 1.576	- / -	- / -	349 / 20.128	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>22.304</b>	<b>3.723</b>	<b>7.508</b>	<b>7.976</b>	<b>0.000</b>	<b>7.976</b>	<b>4.448</b>	<b>4.432</b>	<b>1.576</b>	<b>0.000</b>	<b>-</b>	<b>51.967</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9826 / Rudder Position Indicator (RPI)
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** RPI A

**Manufacturer Information**

Manufacturer Name: Cherokee Nation Aerospace and Defense Manufacturer Location: Stilwell, OK

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024				
Delivery Dates	Jun 2024	Jun 2025	Jun 2026				

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	50 / 2.772	35 / 1.759	11 / 0.551	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / 5.082
FY 2023	- / -	- / -	24 / 1.198	16 / 0.822	- / -	16 / 0.822	- / -	- / -	2 / 0.135	- / -	- / -	42 / 2.155
FY 2024	- / -	- / -	- / -	54 / 3.203	- / -	54 / 3.203	35 / 1.958	22 / 1.278	14 / 1.140	- / -	- / -	125 / 7.579
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	35 / 2.175	48 / 2.836	3 / 0.301	- / -	- / -	86 / 5.312
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	50 / 2.772	35 / 1.759	35 / 1.749	70 / 4.025	- / -	70 / 4.025	70 / 4.133	70 / 4.114	19 / 1.576	- / -	- / -	349 / 20.128

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	50	10	10	10	5	10	10	10	5	17	18	17	18	17	18	17	18	17	18	17	18	17	2	-	-	-	-	-	-	0	349
Out	50	10	10	10	5	10	10	10	5	17	18	17	18	17	18	17	18	17	18	17	18	17	2	-	-	-	-	-	-	0	349

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9828 / Real Time in the Cockpit (RTIC)

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	45.845	43.832	30.689	23.568	0.000	23.568	13.199	0.000	-	-	-	157.133
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	45.845	43.832	30.689	23.568	0.000	23.568	13.199	0.000	-	-	-	157.133
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>45.845</b>	<b>43.832</b>	<b>30.689</b>	<b>23.568</b>	<b>0.000</b>	<b>23.568</b>	<b>13.199</b>	<b>0.000</b>	-	-	-	<b>157.133</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Description: Real Time in the Cockpit (RTIC) program provides data connectivity enabling the KC-135 to interoperate with global and theater operations, intelligence, and Tactical Data Networks (TDNs) to provide the aircrew the battlespace awareness needed to reduce impacts of enemy threats and increase KC-135 combat support effectiveness, mission safety, and enhanced situational awareness (SA).

Requirement: Air Mobility Command (AMC) Capabilities Description Document (CDD) for Mobility Air Forces Data Link Integration dated 26 February 2009.

Scope: 100 AD KC-135; 226 ARC KC-135 (NGREA funded)

Recent Milestones: MS-C Decision 31 Mar 22; CFT Full Rate Installs Began 15 Aug 22

FY25 Funding and Milestones: \$23.568M; complete 19 kit installs, procure 5 A/B Kits, fund KC-135 Simulator office for RTIC integration, and Mod Of Spares upgrades to the ARC-210 Gen 5 to ARC-210 Gen 6 due to NSA crypto mandate.

FY26 Funding and Milestones: \$13.199; Finish installs, continue Mod of Spares upgrades the ARC-210 Gen 5 to ARC-210 Gen 6 due to NSA crypto mandate.

Milestone/Development Status

Program is for Active Duty only. Integration, test and initial production was funded with NGREA.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	43.832	30.689	23.568	-	23.568	13.199	0.000	-	-
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>43.832</b>	<b>30.689</b>	<b>23.568</b>	<b>0.000</b>	<b>23.568</b>	<b>13.199</b>	<b>0.000</b>	-	-



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C13500 / C-135					<b>Modification Number / Title:</b> 9828 / Real Time in the Cockpit (RTIC)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: A Kit</i>													
A Kits													
Recurring													
A Kit:INSTALL KITS Group A (Active)	57 / 7.700	21 / 3.602	29 / 5.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	107 / 16.729	
<i>Subtotal: Recurring</i>	- / 7.700	- / 3.602	- / 5.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.729	
<i>Subtotal: A Kit</i>	- / 7.700	- / 3.602	- / 5.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.729	
<i>Modification Item 2 of 2: B Kit</i>													
B Kits													
Recurring													
B Kit:EQUIPMENT Group B (Active)	57 / 23.486	21 / 12.579	17 / 9.739	5 / 2.864	- / -	5 / 2.864	- / -	- / -	- / -	- / -	- / -	100 / 48.668	
B Kit:EQUIPMENT Group B (Guard)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	
B Kit:EQUIPMENT Group B (Reserve)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	
<i>Subtotal: Recurring</i>	- / 23.486	- / 12.579	- / 9.739	- / 2.864	- / -	- / 2.864	- / -	- / -	- / -	- / -	- / -	- / 48.668	
<i>Subtotal: B Kit</i>	- / 23.486	- / 12.579	- / 9.739	- / 2.864	- / -	- / 2.864	- / -	- / -	- / -	- / -	- / -	- / 48.668	
<i>Subtotal: Procurement, All Modification Items</i>	- / 31.186	- / 16.181	- / 15.166	- / 2.864	- / -	- / 2.864	- / -	- / -	- / -	- / -	- / -	- / 65.397	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / 3.228	- / 0.176	- / 1.764	- / -	- / 1.764	- / -	- / -	- / -	- / -	- / -	- / 5.168	
GROUP B: TOTAL NONRECURRING	- / -	- / 21.196	- / 14.009	- / 0.125	- / -	- / 0.125	- / -	- / -	- / -	- / -	- / -	- / 25.330	
PSC - Other Gov't Costs	- / 1.955	- / -	- / 3.122	- / 1.319	- / -	- / 1.319	- / 1.138	- / -	- / -	- / -	- / -	- / 7.534	
SIM/TRAINER	- / -	- / -	- / -	- / 17.190	- / -	- / 17.190	- / 19.745	- / -	- / -	- / -	- / -	- / 16.935	
SUPPORT-EQUIP	- / 17.244	- / 11.691	- / 11.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.685	
OTHER GOVT	- / 2.338	- / 0.685	- / 1.526	- / 2.118	- / -	- / 2.118	- / 1.016	- / -	- / -	- / -	- / -	- / 7.683	
Mod of Spares	- / -	- / -	- / 3.835	- / 17.200	- / -	- / 17.200	- / -	- / -	- / -	- / -	- / -	- / 11.035	
<i>Subtotal: Support</i>	- / 11.537	- / 26.800	- / 14.418	- / 19.716	- / -	- / 19.716	- / 11.899	- / -	- / -	- / -	- / -	- / 84.370	
<b>Installation</b>													
<i>Modification Item 2 of 2: B Kit</i>	7 / 3.122	19 / 0.851	19 / 1.105	19 / 0.988	- / -	19 / 0.988	19 / 1.300	17 / 0.000	- / -	- / -	- / -	100 / 7.366	
<i>Subtotal: Installation</i>	7 / 3.122	19 / 0.851	19 / 1.105	19 / 0.988	- / -	19 / 0.988	19 / 1.300	17 / -	- / -	- / -	- / -	100 / 7.366	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>45.845</b>	<b>43.832</b>	<b>30.689</b>	<b>23.568</b>	<b>0.000</b>	<b>23.568</b>	<b>13.199</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>157.133</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C13500 / C-135			<b>Modification Number / Title:</b> 9828 / Real Time in the Cockpit (RTIC)	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> A Kit							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9828 / Real Time in the Cockpit (RTIC)
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 2 of 2:** B Kit

**Manufacturer Information**

Manufacturer Name: NSN Items Manufacturer Location: Unk

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 17

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024				
Delivery Dates	May 2024	May 2025	May 2026				

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	7 / 3.122	19 / 0.851	19 / 1.105	12 / 0.616	- / -	12 / 0.616	- / -	- / -	- / -	- / -	- / -	57 / 5.694
FY 2023	- / -	- / -	- / -	7 / 0.372	- / -	7 / 0.372	14 / 0.958	- / -	- / -	- / -	- / -	21 / 1.330
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.342	12 / 0.000	- / -	- / -	- / -	17 / 0.342
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.000	- / -	- / -	- / -	5 / 0.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	7 / 3.122	19 / 0.851	19 / 1.105	19 / 0.988	- / -	19 / 0.988	19 / 1.300	17 / 0.000	- / -	- / -	- / -	100 / 7.366

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	7	5	5	5	4	5	5	5	4	5	5	5	4	5	5	5	4	5	5	5	2	-	-	-	-	-	-	-	-	0	100
Out	7	5	5	5	4	5	5	5	4	5	5	5	4	5	5	5	4	5	5	5	2	-	-	-	-	-	-	-	-	0	100

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9829 / MUOS Radios

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	19.852	32.405	46.574	0.000	46.574	27.492	1.002	0.000	-	-	127.325
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	0.000	19.852	32.405	46.574	0.000	46.574	27.492	1.002	0.000	-	-	127.325
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>19.852</b>	<b>32.405</b>	<b>46.574</b>	<b>0.000</b>	<b>46.574</b>	<b>27.492</b>	<b>1.002</b>	<b>0.000</b>	-	-	<b>127.325</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Mobile User Objective System (MUOS) capable radios will be installed on Block 45 aircraft in the COMM 3 position with BLOS Integrated Waveform (IW) and LOS SATURN capability with HAVE QUICK II backward compatibility. The KC-135 fleet must comply with the NSA cryptographic modernization mandate, and the ARC-210 Gen 3 radios have Diminishing Manufacturing Sources and Material Shortages (DMSMS) which become obsolete on the CEASEKEY date. If requirements are not met, KC-135 fleet loses secure communications which degrades the ability to support worldwide operations as KC-135 are critical for operational, nuclear, and command and control aircraft to fly missions.

Requirement: AMC's AF 1067s 10-050 Crypto, 15-046 MUOS, 16-053 SATURN, and 17-039 IW radio and derive from NSA cryptographic modernization mandates and DoD MUOS/SATURN transition directive.

Scope: Two installations during EMD for testing and up to 313 KC-135 Aircraft during production in FY 2025-FY2027.

FY25 Funding and Milestones: \$46.574M; 107 B-Kits, 90 A-kits, and installation costs.

The ARC-210 Gen 6 radio is a fielded system managed by PMA-209 for DoD-wide ARC-210 Gen 6 production contracts.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Milestone/Development Status

Continue integration efforts (EMD Phase)

FY24 Major Milestones/Events: DT/OT 4QFY24, and MS C 1QFY25

Due to delivery timeframe of 18-24 months, Milestone Decision Authority (MDA) approved purchase of ARC-210 Gen 6 radios ahead of MS C in Delta ASP.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	9.067	13.446	25.375	-	25.375	15.015	1.002	-	-

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9829 / MUOS Radios
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

	<b>Secondary Distribution</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	7.466	13.125	14.676	-	14.676	8.639	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.319	5.834	6.523	-	6.523	3.838	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>19.852</b>	<b>32.405</b>	<b>46.574</b>	<b>0.000</b>	<b>46.574</b>	<b>27.492</b>	<b>1.002</b>	<b>0.000</b>	-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C13500 / C-135					<b>Modification Number / Title:</b> 9829 / MUOS Radios			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401218F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401218F	- / -	- / 6.288	- / 7.713	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.001	
<b>Procurement</b>													
<b>Modification Item 1 of 2: COMMON: Group A Kit</b>													
A Kits													
Recurring													
COMMON: Group A Kit:INSTALL KITS Group A (Active)	- / -	11 / 1.078	57 / 5.661	35 / 3.466	- / -	35 / 3.466	18 / 1.849	- / -	- / -	- / -	- / -	121 / 12.054	
COMMON: Group A Kit:INSTALL KITS Group A (Guard)	- / -	12 / 1.191	63 / 6.257	38 / 3.831	- / -	38 / 3.831	20 / 2.043	- / -	- / -	- / -	- / -	133 / 13.322	
COMMON: Group A Kit:INSTALL KITS Group A (Reserve)	- / -	5 / 0.530	28 / 2.782	17 / 1.703	- / -	17 / 1.703	9 / 0.908	- / -	- / -	- / -	- / -	59 / 5.923	
<b>Subtotal: Recurring</b>	- / -	- / 2.799	- / 14.700	- / 9.000	- / -	- / 9.000	- / 4.800	- / -	- / -	- / -	- / -	- / 31.299	
<b>Subtotal: COMMON: Group A Kit</b>	- / -	- / 2.799	- / 14.700	- / 9.000	- / -	- / 9.000	- / 4.800	- / -	- / -	- / -	- / -	- / 31.299	
<b>Modification Item 2 of 2: Group B Kit</b>													
B Kits													
Recurring													
Group B Kit:EQUIPMENT Group B (Active)	- / -	33 / 5.677	35 / 6.214	41 / 7.609	- / -	41 / 7.609	12 / 2.271	- / -	- / -	- / -	- / -	121 / 21.771	
Group B Kit:EQUIPMENT Group B (Guard)	- / -	36 / 6.275	38 / 6.868	46 / 8.410	- / -	46 / 8.410	13 / 2.510	- / -	- / -	- / -	- / -	133 / 24.063	
Group B Kit:EQUIPMENT Group B (Reserve)	- / -	16 / 2.789	17 / 3.052	20 / 3.738	- / -	20 / 3.738	6 / 1.115	- / -	- / -	- / -	- / -	59 / 10.694	
<b>Subtotal: Recurring</b>	- / -	- / 14.741	- / 16.134	- / 19.757	- / -	- / 19.757	- / 5.896	- / -	- / -	- / -	- / -	- / 56.528	
<b>Subtotal: Group B Kit</b>	- / -	- / 14.741	- / 16.134	- / 19.757	- / -	- / 19.757	- / 5.896	- / -	- / -	- / -	- / -	- / 56.528	
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / 17.540	- / 30.834	- / 28.757	- / -	- / 28.757	- / 10.696	- / -	- / -	- / -	- / -	- / 87.827	
<b>Support (All Modification Items)</b>													
SIM/TRAINER	- / -	- / -	- / -	- / 6.448	- / -	- / 6.448	- / 1.033	- / -	- / -	- / -	- / -	- / 7.481	
OTHER GOVT	- / -	- / 0.058	- / 0.497	- / 2.761	- / -	- / 2.761	- / 4.404	- / 0.954	- / -	- / -	- / -	- / 8.674	
PSC - Other Gov't Costs	- / -	- / -	- / 0.340	- / 2.388	- / -	- / 2.388	- / 1.240	- / 0.048	- / -	- / -	- / -	- / 4.016	
Mod of Spares	- / -	- / 2.254	- / 0.734	- / 0.500	- / -	- / 0.500	- / 0.521	- / -	- / -	- / -	- / -	- / 4.009	
<b>Subtotal: Support</b>	- / -	- / 2.312	- / 1.571	- / 12.097	- / -	- / 12.097	- / 7.198	- / 1.002	- / -	- / -	- / -	- / 24.180	
<b>Installation</b>													
<b>Modification Item 2 of 2: Group B Kit</b>	- / -	- / -	- / -	143 / 5.720	- / -	143 / 5.720	170 / 9.598	- / -	- / -	- / -	- / -	313 / 15.318	
<b>Subtotal: Installation</b>	- / -	- / -	- / -	143 / 5.720	- / -	143 / 5.720	170 / 9.598	- / -	- / -	- / -	- / -	313 / 15.318	
<b>Total</b>													

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> C13500 / C-135						<b>Modification Number / Title:</b> 9829 / MUOS Radios		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401218F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Total Cost (Procurement + Support + Installation)</b>	0.000	19.852	32.405	46.574	0.000	46.574	27.492	1.002	0.000	-	-	127.325

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C13500 / C-135			<b>Modification Number / Title:</b> 9829 / MUOS Radios	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> COMMON: Group A Kit							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 0	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9829 / MUOS Radios

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 2:** Group B Kit

**Manufacturer Information**

Manufacturer Name: Collins Aerospace	Manufacturer Location: Cedar Rapids, IA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Mar 2023	Mar 2024	Mar 2025	Mar 2026			
Delivery Dates	Sep 2024	Sep 2025	Sep 2026	Sep 2027			

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	85 / 3.399	- / -	85 / 3.399	- / -	- / -	- / -	- / -	- / -	85 / 3.399
FY 2024	- / -	- / -	- / -	58 / 2.321	- / -	58 / 2.321	32 / 1.807	- / -	- / -	- / -	- / -	90 / 4.128
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	107 / 6.042	- / -	- / -	- / -	- / -	107 / 6.042
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	31 / 1.749	- / -	- / -	- / -	- / -	31 / 1.749
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	143 / 5.720	- / -	143 / 5.720	170 / 9.598	- / -	- / -	- / -	- / -	313 / 15.318

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	36	36	36	35	43	43	42	42	-	-	-	-	-	-	-	-	-	-	-	-	0	313
Out	0	-	-	-	-	-	-	-	-	36	36	36	35	43	43	42	42	-	-	-	-	-	-	-	-	-	-	-	-	0	313

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9831 / COMM2 Crypto and Data
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	5.037	26.178	31.467	0.000	31.467	22.381	1.469	0.000	-	-	86.532
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	5.037	26.178	31.467	0.000	31.467	22.381	1.469	0.000	-	-	86.532
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>5.037</b>	<b>26.178</b>	<b>31.467</b>	<b>0.000</b>	<b>31.467</b>	<b>22.381</b>	<b>1.469</b>	<b>0.000</b>	-	-	<b>86.532</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Replaces legacy ARC-210 Gen 3 in the COMM 2 position with modernized cryptographic Line-of-Sight secure voice and SATURN capability with HAVE QUICK II backward compatibility through 2040. This modification also replaces VHF Datalink (VDL)-2000 with VDL solution that modernizes COMM 2 civil data links. ARC-210 Gen 3 radios on KC-135 will be obsolete on the CEASEKEY date. If requirements are not met, KC-135 aircraft risk ineffective communications via unsecure voice, lose data communications and anti-jam capabilities, and realize limited maintenance capabilities to support legacy radios. This will significantly degrade the ability to support worldwide operations.

Requirement: AF Form 1067 for 10-050 Crypto, 16-053 SATURN, 22-033 COMM2 with VDL Solution, 20-048 CPDLC Upgrade.

Scope: Two installations during EMD for testing and 313 KC-135 aircraft during production, FY2026 - FY2028

FY 2025 Funding and Milestones: 31.467M - procurement of 205 A kits, 161 VHF-4000E, 182 installs.  
In order to continue nose to tail installation, kit purchase must occur in FY25 due to 18 month procurement lead time.

**Milestone/Development Status**

FY24/25 Major Milestones/Events: CDR 2QFY25, DT/OT 3QFY25, and MS C 2QFY26

Due to anticipated delivery timeframe of 15-18 months, Milestone Decision Authority (MDA) approval was given to purchase ARC-210 Gen6 radios ahead of MS C.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.040	13.833	15.554	-	15.554	15.701	1.469	-
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.218	8.492	10.866	-	10.866	4.562	0.000	-
AFR	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.779	3.853	5.047	-	5.047	2.118	0.000	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force							<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C13500 / C-135				<b>Modification Number / Title:</b> 9831 / COMM2 Crypto and Data			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>					
<b>Secondary Distribution</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	5.037	26.178	31.467	0.000	31.467	22.381	1.469	0.000	-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C13500 / C-135					<b>Modification Number / Title:</b> 9831 / COMM2 Crypto and Data			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401218F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401218F	- / -	2 / 4.615	- / 0.608	2 / 8.492	- / -	2 / 8.492	- / -	- / -	- / -	- / -	- / -	4 / 13.715	
<b>Procurement</b>													
<b>Modification Item 1 of 2: COMMON: Group A</b>													
A Kits													
Recurring													
COMMON: Group A:INSTALL KITS Group A (Active)	- / -	- / -	16 / 0.677	80 / 3.486	- / -	80 / 3.486	25 / 1.058	- / -	- / -	- / -	- / -	121 / 5.221	
COMMON: Group A:INSTALL KITS Group A (Guard)	- / -	- / -	19 / 0.804	85 / 3.704	- / -	85 / 3.704	28 / 1.184	- / -	- / -	- / -	- / -	132 / 5.692	
COMMON: Group A:INSTALL KITS Group A (Reserve)	- / -	- / -	7 / 0.296	40 / 1.744	- / -	40 / 1.744	13 / 0.550	- / -	- / -	- / -	- / -	60 / 2.590	
<b>Subtotal: Recurring</b>	- / -	- / -	- / 1.777	- / 8.934	- / -	- / 8.934	- / 2.792	- / -	- / -	- / -	- / -	- / 13.503	
<b>Subtotal: COMMON: Group A</b>	- / -	- / -	- / 1.777	- / 8.934	- / -	- / 8.934	- / 2.792	- / -	- / -	- / -	- / -	- / 13.503	
<b>Modification Item 2 of 2: Group B (2)</b>													
B Kits													
Recurring													
Group B:EQUIPMENT Group B (Active)	- / -	16 / 1.956	40 / 7.230	40 / 2.578	- / -	40 / 2.578	25 / 3.016	- / -	- / -	- / -	- / -	121 / 14.780	
Group B:EQUIPMENT Group B (Guard)	- / -	19 / 2.218	43 / 7.688	42 / 2.707	- / -	42 / 2.707	28 / 3.378	- / -	- / -	- / -	- / -	132 / 15.991	
Group B:EQUIPMENT Group B (Reserve)	- / -	7 / 0.779	20 / 3.557	20 / 1.289	- / -	20 / 1.289	13 / 1.568	- / -	- / -	- / -	- / -	60 / 7.193	
<b>Subtotal: Recurring</b>	- / -	- / 4.953	- / 18.475	- / 6.574	- / -	- / 6.574	- / 7.962	- / -	- / -	- / -	- / -	- / 37.964	
<b>Subtotal: Group B (2)</b>	- / -	- / 4.953	- / 18.475	- / 6.574	- / -	- / 6.574	- / 7.962	- / -	- / -	- / -	- / -	- / 37.964	
<b>Subtotal: Procurement, All Modification Items</b>	- / -	- / 4.953	- / 20.252	- / 15.508	- / -	- / 15.508	- / 10.754	- / -	- / -	- / -	- / -	- / 51.467	
<b>Support (All Modification Items)</b>													
PSC - Other Gov't Costs	- / -	- / -	- / 0.841	- / 2.036	- / -	- / 2.036	- / 1.301	- / 0.079	- / -	- / -	- / -	- / 4.257	
Mod of Spares	- / -	- / -	- / 3.119	- / 0.545	- / -	- / 0.545	- / 0.568	- / -	- / -	- / -	- / -	- / 4.232	
SUPPORT-EQUIP	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.257	- / -	- / -	- / -	- / -	- / 2.257	
OTHER GOVT	- / -	- / 0.084	- / 1.966	- / 1.941	- / -	- / 1.941	- / 2.165	- / 1.100	- / -	- / -	- / -	- / 7.256	
SIM/TRAINER	- / -	- / -	- / -	- / 0.857	- / -	- / 0.857	- / 5.336	- / -	- / -	- / -	- / -	- / 6.193	
<b>Subtotal: Support</b>	- / -	- / 0.084	- / 5.926	- / 5.379	- / -	- / 5.379	- / 11.627	- / 1.179	- / -	- / -	- / -	- / 24.195	
<b>Installation</b>													
<b>Modification Item 2 of 2: Group B (2)</b>	- / -	- / -	- / -	247 / 10.580	- / -	247 / 10.580	- / -	66 / 0.290	- / -	- / -	- / -	313 / 10.870	
<b>Subtotal: Installation</b>	- / -	- / -	- / -	247 / 10.580	- / -	247 / 10.580	- / -	66 / 0.290	- / -	- / -	- / -	313 / 10.870	
<b>Total</b>													

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> C13500 / C-135						<b>Modification Number / Title:</b> 9831 / COMM2 Crypto and Data		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401218F				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<b>Total Cost (Procurement + Support + Installation)</b>	-	5.037	26.178	31.467	0.000	31.467	22.381	1.469	0.000	-	-	86.532

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C13500 / C-135			<b>Modification Number / Title:</b> 9831 / COMM2 Crypto and Data	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> COMMON: Group A							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 0	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9831 / COMM2 Crypto and Data
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 2:** Group B (2)

**Manufacturer Information**

Manufacturer Name: Collins Aerospace				Manufacturer Location: Cedar Rapids, IA			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 18			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Mar 2023	Mar 2024	Mar 2025	Mar 2026			
Delivery Dates	Sep 2024	Sep 2025	Sep 2026	Sep 2027			

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	42 / 1.799	- / -	42 / 1.799	- / -	- / -	- / -	- / -	- / -	42 / 1.799
FY 2024	- / -	- / -	- / -	103 / 4.412	- / -	103 / 4.412	- / -	- / -	- / -	- / -	- / -	103 / 4.412
FY 2025	- / -	- / -	- / -	102 / 4.369	- / -	102 / 4.369	- / -	- / -	- / -	- / -	- / -	102 / 4.369
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	66 / 0.290	- / -	- / -	- / -	66 / 0.290
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	247 / 10.580	- / -	247 / 10.580	- / -	66 / 0.290	- / -	- / -	- / -	313 / 10.870

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	61	62	62	62	-	-	-	-	16	16	17	17	-	-	-	-	-	-	-	-	0	313
Out	0	-	-	-	-	-	-	-	-	61	62	62	62	-	-	-	-	16	16	17	17	-	-	-	-	-	-	-	-	0	313

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9832 / HF Modernization
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	0.524	24.668	0.000	24.668	52.580	31.862	1.000	0.000	-	110.634
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	0.524	24.668	0.000	24.668	52.580	31.862	1.000	0.000	-	110.634
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>0.524</b>	<b>24.668</b>	<b>0.000</b>	<b>24.668</b>	<b>52.580</b>	<b>31.862</b>	<b>1.000</b>	<b>0.000</b>	-	<b>110.634</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Description: Replace legacy HF radio with a modernized HF radio on KC-135 aircraft. A modernized HF communications capability is necessary to enable future sustainability and growth to operate in SATCOM-denied scenarios while maintaining global, secure voice and data between Mobility Air Force aircraft and command and control (C2) agencies to exchange classified information. The current ARC-190 is facing DSMS issues and will have limited availability in FY24.

Requirement: AF Form 1067 18-100, Modernized High Frequency (HF) radio.

Scope: 315 KC-135 aircraft, Installs FY26-28.

FY2024 Funding and Milestones: \$0.524M; Travel to support integration and test of radio.

FY2025 Funding and Milestones: \$24.688M; Procure 82 B-kits with 12 month lead time.

Milestone/Development Status

FY24/25 Major Milestones/Events: SRR 4QFY24, PDR 2QFY25 and CDR 3QFY25

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	0.524	11.795	-	11.795	29.307	16.711	1.000
AFNG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	8.928	-	8.928	16.033	10.468	-
AFR	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	3.945	-	3.945	7.240	4.683	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> C13500 / C-135	<b>Modification Number / Title:</b> 9832 / HF Modernization
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	-	0.524	24.668	0.000	24.668	52.580	31.862	1.000	0.000

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> C13500 / C-135					<b>Modification Number / Title:</b> 9832 / HF Modernization			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> KC-135				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401218F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0401218F	- / -	- / -	2 / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.000	
<b>Procurement</b>													
<i>Modification Item 1 of 1: B Kits</i>													
B Kits													
Recurring													
B Kits:EQUIPMENT Group B (Active)	- / -	- / -	- / -	31 / 7.890	- / -	31 / 7.890	55 / 14.223	33 / 9.091	- / -	- / -	- / -	119 / 31.204	
B Kits:EQUIPMENT Group B (Guard)	- / -	- / -	- / -	35 / 8.928	- / -	35 / 8.928	62 / 16.033	38 / 10.468	- / -	- / -	- / -	135 / 35.429	
B Kits:EQUIPMENT Group B (Reserve)	- / -	- / -	- / -	16 / 3.945	- / -	16 / 3.945	28 / 7.240	17 / 4.683	- / -	- / -	- / -	61 / 15.868	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 20.763	- / -	- / 20.763	- / 37.496	- / 24.242	- / -	- / -	- / -	- / 82.501	
<i>Subtotal: B Kits</i>	- / -	- / -	- / -	- / 20.763	- / -	- / 20.763	- / 37.496	- / 24.242	- / -	- / -	- / -	- / 82.501	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 20.763	- / -	- / 20.763	- / 37.496	- / 24.242	- / -	- / -	- / -	- / 82.501	
<b>Support (All Modification Items)</b>													
SIM/TRAINER	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.500	- / 3.500	- / -	- / -	- / -	- / 7.000	
OTHER GOVT	- / -	- / -	- / 0.288	- / 1.061	- / -	- / 1.061	- / 2.062	- / 1.976	- / 0.939	- / -	- / -	- / 6.326	
Mod of Spares	- / -	- / -	- / -	- / 1.519	- / -	- / 1.519	- / 6.465	- / -	- / -	- / -	- / -	- / 7.984	
PSC - Other Gov't Costs	- / -	- / -	- / 0.236	- / 1.325	- / -	- / 1.325	- / 3.057	- / 2.144	- / 0.061	- / -	- / -	- / 6.823	
<i>Subtotal: Support</i>	- / -	- / -	- / 0.524	- / 3.905	- / -	- / 3.905	- / 15.084	- / 7.620	- / 1.000	- / -	- / -	- / 28.133	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	0.524	24.668	0.000	24.668	52.580	31.862	1.000	0.000	-	110.634	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> C13500 / C-135			<b>Modification Number / Title:</b> 9832 / HF Modernization	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> B Kits							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 11			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates			Jan 2025	Jan 2026	Jan 2027		
Delivery Dates			Dec 2025	Dec 2026	Dec 2027		
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 315		

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0207253F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	987.693	330.200	144.686	94.654	-	94.654	126.803	214.492	216.548	221.612	66.606	2,403.294
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	987.693	330.200	144.686	94.654	-	94.654	126.803	214.492	216.548	221.612	66.606	2,403.294
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>987.693</b>	<b>330.200</b>	<b>144.686</b>	<b>94.654</b>	<b>-</b>	<b>94.654</b>	<b>126.803</b>	<b>214.492</b>	<b>216.548</b>	<b>221.612</b>	<b>66.606</b>	<b>2,403.294</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	11.343	68.555	13.920	-	13.920	22.349	17.429	17.791	18.144	-	169.531
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Compass Call is the Air Force's wide-area, standoff, Airborne Electromagnetic Attack (AEA) Command and Control Warfare/Information Operations (C2W/IO) weapon system. The employment of this weapon system interrupts the adversary's use of the electromagnetic battlespace and is a key active component in the information battlespace and prosecution of current ground and airborne threats. Compass Call's sophisticated electromagnetic attack system is capable of surgical denial and/or disruption of adversary Radio Frequency (RF) communications, radar and sensor systems. Procurement funds are required for aircraft purchase, modification kit production (hardware, firmware, and software), installation, integration engineering, certification and test on an EA-37B re-host platform in accordance with the spiral baseline upgrade schedule.

In FY2017, the Compass Call re-host program was initiated prompting transition of mission capabilities from the legacy EC-130H airframe to an EA-37B airframe. The re-hosted Compass Call platform is based on a commercial derivative G550 aircraft holding Federal Aviation Administration (FAA) Supplemental Type Certificates (STCs) for airworthiness. The platform will undergo modifications to host Compass Call's Prime Mission Equipment (PME) and antenna arrays and will receive additional STCs and Military Type Certificates (MTCs). The EA-37B aircraft will re-use PME from the EC-130H aircraft that will be upgraded to the latest Baseline. Due to the age of the EC-130H fleet, re-hosting of the PME is crucial to ensuring the longevity of this critical capability. In an effort to put capability into the warfighter's hands as soon as possible, the EA-37B program pursues concurrent developmental and production activities.

Transitioning to the re-host effort, the program of record has procured ten (10) commercial derivative aircraft to date. The first five (5) EA-37B aircraft, procured in FY2017-FY2020, will be delivered in the Baseline 3 (BL3) configuration. The remaining EA-37B aircraft, procured in FY2021 and FY2023, will be delivered in the Baseline 4 (BL4) configuration. The strategy for modifying aircraft with future spiral baseline upgrades will optimize delivery of warfighter capability required to meet Combatant Command needs. The current Compass Call EA-37B program of record includes the following: ten (10) EA-37B aircraft, two (2) Compass Call Mission Crew Simulator (CCMCS), and one (1) Weapon System Trainer (WST).

Due to rapidly changing threat environment and operational demand leveraging Compass Call capabilities, the acquisition program manager may redirect funding as necessary to meet current stated and emerging/evolving Combatant Commander requirements.

EA-37B re-host procurement and integration of the BL3 and BL4 PME modification kits onto the ten (10) air vehicles are performed under line item CALL00 / Modification Number 1003 / COMPASS CALL Baseline Modifications. Procurement and installation of future spiral baseline upgrade kits (beyond BL3 and BL4) are performed under line item CALL00 / Modification Number 1004 / COMPASS CALL Baseline Upgrades.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0207253F
<b>Line Item MDAP/MAIS Code:</b> N/A		
<p>Procurement of the air vehicles for re-host was performed under the Aircraft Procurement, Air Force appropriation, Budget Activity 04, Budget Sub Activity 05 under P-1 line item CALL00 / COMPASS CALL. Modification of the EC-130H aircraft was historically performed under line item CALL00 / Modification Number 1001.</p> <p>Funding may be used to address obsolescence and Diminishing Manufacturing Sources (DMS) issues. Funding for this exhibit is contained in PE 0207253F. Compass Call modification efforts include, but are not limited to, activities associated with aircraft system integration, assembly, test and checkout; change management; engineering change orders; certification; non-developmental mission system upgrades; simulation and training system upgrades and modifications; external communications upgrades and modification; software integration and updates; systems engineering; test and evaluation; training; support equipment; obsolescence; Program Support Costs (PSC); aircraft PME upgrades; baseline upgrades and enhancements; and used aircraft modifications.</p>		

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft **P-1 Line Item Number / Title:**  
CALL00 / Compass Call

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207253F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Compass Call				- / 47.666	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	1003 / COMPASS CALL Baseline Modifications (Capability Improvement)			A	- / 940.027	- / 317.060	- / 63.568	- / 19.475	- / 0.000	- / 19.475
P-3a	1004 / COMPASS CALL Baseline Upgrade (Capability Improvement)			A	- / 0.000	- / 13.140	- / 81.118	- / 75.179	- / 0.000	- / 75.179
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 987.693</b>	<b>- / 330.200</b>	<b>- / 144.686</b>	<b>- / 94.654</b>	<b>- / -</b>	<b>- / 94.654</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Compass Call				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 47.666
P-3a	1003 / COMPASS CALL Baseline Modifications (Capability Improvement)			A	- / 61.773	- / 59.198	- / 11.500	- / 0.000	- / -	- / 1,472.601
P-3a	1004 / COMPASS CALL Baseline Upgrade (Capability Improvement)			A	- / 65.030	- / 155.294	- / 205.048	- / 221.612	- / 66.606	- / 883.027
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 126.803</b>	<b>- / 214.492</b>	<b>- / 216.548</b>	<b>- / 221.612</b>	<b>- / 66.606</b>	<b>- / 2,403.294</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.  
Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
EA-37B re-host procurement and integration of the BL3 and BL4 PME modification kits onto the ten (10) air vehicles are performed under line item CALL00 / Modification Number 1003 / COMPASS CALL Baseline Modifications. Procurement and installation of future spiral baseline upgrade kits (beyond BL3 and BL4) are performed under line item CALL00 / Modification Number 1004 / COMPASS CALL Baseline Upgrades.

Where applicable, justification for individual modifications is provided in the P-3A exhibits

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Aggregated Modification Items Title:</b> Compass Call
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1001 / COMPASS CALL			-	-	47.666	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	47.666	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

  

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
1001 / COMPASS CALL			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.666
<b>Total</b>			-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	47.666

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
1001 / COMPASS CALL	EC-130H	Capability Improvement



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1003 / COMPASS CALL Baseline Modifications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	940.027	317.060	63.568	19.475	0.000	19.475	61.773	59.198	11.500	0.000	-	1,472.601
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	940.027	317.060	63.568	19.475	0.000	19.475	61.773	59.198	11.500	0.000	-	1,472.601
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>940.027</b>	<b>317.060</b>	<b>63.568</b>	<b>19.475</b>	<b>0.000</b>	<b>19.475</b>	<b>61.773</b>	<b>59.198</b>	<b>11.500</b>	<b>0.000</b>	<b>-</b>	<b>1,472.601</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	196.571	11.343	68.555	13.920	-	13.920	22.349	17.429	-	-	-	330.167
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Compass Call is the Air Force's wide-area, standoff, Airborne Electromagnetic Attack (AEA) Command and Control Warfare/Information Operations (C2W/IO) weapon system. To ensure continued tactical effectiveness, Compass Call's Prime Mission Equipment (PME) must evolve to keep pace with emerging adversary developments in communications, radar, and sensor technology, as well as the use of rapidly advancing commercial communications technology. To meet this challenge, the Compass Call program employs an incremental Baseline upgrade acquisition strategy that puts capability into the warfighter's hands as soon as practical and ensures each iteration of the weapon system is effective against the highest priority threats. Capabilities inserted into each Baseline are planned according to warfighter inputs.

The EA-37B re-host procurement and installation of the Baseline 3 (BL3) PME onto air vehicles #1-5 and Baseline 4 (BL4) PME onto air vehicles #6-10 (10 total aircraft) are performed under line item CALL00 / Modification Number 1003 / COMPASS CALL Baseline Modifications.

Compass Call BL3 includes, but is not limited to, the repackaging and integration of legacy EC-130H capabilities into the smaller, more capable EA-37B airframe. The EA-37B provides better aircraft performance and supportability, as well as updates to the mission system while addressing diminishing manufacturing sources (DMS). The BL4 upgrade builds upon a modular open systems approach established in prior baselines and includes, but is not limited to, System-Wide Open Reconfigurable Dynamic Architecture (SWORD-A) which improves mission system flexibility and enables rapid capability integration, new target-specific techniques, and an obsolescence technical refresh.

As a result of the FY23 Appropriations Act, the program received \$320.6M to be distributed between the Baseline Modifications Mod and the Baseline Upgrades Mod. This funding procures 4 additional Group A & Group B kits, procures support equipment, and supports modification engineering activities.

FY2025 Compass Call procurement efforts include but are not limited to integration and test activities, non-recurring integration engineering, integration engineering to support quick reaction capabilities (QRCs), support equipment, training and simulation modification activities, obsolescence resolution, implementation of BL3 and BL4 weapon system change management, funding program support costs (PSC), and used aircraft modifications.

Group A and Group B non-recurring integration engineering activities include those associated with generating/implementing change orders, PME integration and test, and engineering required to integrate the PME onto the aircraft. Group A is defined as the racks, harnesses, and consoles that house PME line replaceable units (LRUs), as well as the cabling that interfaces with the aircraft. Group B is composed of individual military usable LRUs and associated cabling that process the signal environment and generate electromagnetic attack signals in response.

Support equipment activities include those associated with procuring aircraft and PME support equipment as well as upgrading existing PME and aircraft support equipment required for test and fielding.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1003 / COMPASS CALL Baseline Modifications
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A		<b>MDAP/MAIS Code:</b>
<p>Simulator and trainer activities include implementing modifications/updates to the Compass Call Mission Crew Simulators (CCMCS) align with aircraft PME baseline upgrades, implementing modifications/updates to the Weapon System Trainer (WST), updating training materials, and supporting training events. To align the simulators with SWORD-A and ensure rapid deployment of capabilities into a training environment, the systems will keep pace with aircraft mission system development to address mission crew training proficiency requirements.</p> <p>Program Support Costs (PSC) includes funding for advisory and assistance services (A&amp;AS), consultants, system engineering support, travel, and other program administration requirements as needed.</p> <p>Due to rapidly changing threat environment and operational demand leveraging Compass Call capabilities, the acquisition program manager may redirect funding as necessary to meet current stated and emerging/evolving Combatant Commander requirements.</p> <p>Funding for this exhibit is contained in PE 0207253F.</p> <p>Milestone/Development Status</p> <p>The Compass Call weapon system is continuously improved using a rapid development and acquisition process supporting a spiral Baseline upgrade strategy. User needs and technology opportunities are continuously reviewed. As a result of technology refresh initiatives, including incorporation of open architectures, "plug and play systems, software defined radios, and modular software development, Compass Call is implementing agile processes to support weapon system engineering, integration, and sustainment activities.</p>		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call						<b>Modification Number / Title:</b> 1003 / COMPASS CALL Baseline Modifications		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> EA-37B			<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207253F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1: COMPASS CALL MODS</i>												
A Kits												
Recurring												
COMPASS CALL MODS:INSTALL KITS Group A (Active)	6 / 64.987	4 / 35.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 100.487
<i>Subtotal: Recurring</i>	- / 64.987	- / 35.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 100.487
B Kits												
Recurring												
COMPASS CALL MODS:EQUIPMENT Group B (Active)	6 / 238.061	4 / 149.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 387.261
<i>Subtotal: Recurring</i>	- / 238.061	- / 149.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 387.261
<i>Subtotal: COMPASS CALL MODS</i>	- / 303.048	- / 184.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 487.748
<i>Subtotal: Procurement, All Modification Items</i>	- / 303.048	- / 184.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 487.748
<b>Support (All Modification Items)</b>												
GROUP A: TOTAL NONRECURRING	- / 123.229	- / 5.500	- / 4.104	- / 3.525	- / -	- / 3.525	- / 2.500	- / 12.000	- / 4.250	- / -	- / -	- / 155.108
GROUP B: TOTAL NONRECURRING	- / 244.511	- / 0.250	- / 22.200	- / 6.000	- / -	- / 6.000	- / 2.500	- / 12.000	- / 4.250	- / -	- / -	- / 291.711
PSC - Other Gov't Costs	- / 13.797	- / 6.530	- / 3.653	- / 2.000	- / -	- / 2.000	- / 2.500	- / 2.000	- / 1.000	- / -	- / -	- / 31.480
SUPPORT-EQUIP	- / 177.530	- / 9.430	- / 14.111	- / 17.450	- / -	- / 17.450	- / 2.900	- / 2.500	- / 2.000	- / -	- / -	- / 115.921
SIM/TRAINER	2 / 85.367	- / 0.250	- / 19.500	- / 0.500	- / -	- / 0.500	- / 51.373	- / 30.698	- / -	- / -	- / -	2 / 187.688
<i>Subtotal: Support</i>	2 / 544.434	- / 21.960	- / 63.568	- / 19.475	- / -	- / 19.475	- / 61.773	- / 59.198	- / 11.500	- / -	- / -	2 / 781.908
<b>Installation</b>												
<i>Modification Item 1 of 1: COMPASS CALL MODS</i>	6 / 92.545	4 / 110.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 202.945
<i>Subtotal: Installation</i>	6 / 92.545	4 / 110.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 202.945
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>940.027</b>	<b>317.060</b>	<b>63.568</b>	<b>19.475</b>	<b>0.000</b>	<b>19.475</b>	<b>61.773</b>	<b>59.198</b>	<b>11.500</b>	<b>0.000</b>	<b>-</b>	<b>1,472.601</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1003 / COMPASS CALL Baseline Modifications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** COMPASS CALL MODS

**Manufacturer Information**

Manufacturer Name: L-3 Harris	Manufacturer Location: Waco, TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 9

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022						
Delivery Dates	Sep 2023						

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	6 / 92.545	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 92.545
FY 2023	- / -	4 / 110.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 110.400
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	6 / 92.545	4 / 110.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 202.945

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	6	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	10	
Out	0	-	-	-	2	-	-	-	1	-	2	-	0	-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	1	1	0	10

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1004 / COMPASS CALL Baseline Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	13.140	81.118	75.179	0.000	75.179	65.030	155.294	205.048	221.612	66.606	883.027
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	0.000	13.140	81.118	75.179	0.000	75.179	65.030	155.294	205.048	221.612	66.606	883.027
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>13.140</b>	<b>81.118</b>	<b>75.179</b>	<b>0.000</b>	<b>75.179</b>	<b>65.030</b>	<b>155.294</b>	<b>205.048</b>	<b>221.612</b>	<b>66.606</b>	<b>883.027</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	17.791	18.144	-	35.935
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Compass Call is the Air Force's wide-area, standoff, Airborne Electromagnetic Attack (AEA) Command and Control Warfare/Information Operations (C2W/IO) weapon system. To ensure continued tactical effectiveness, Compass Call's Prime Mission Equipment (PME) must evolve to keep pace with emerging adversary developments in communications, radar, and sensor technology as well as use of rapidly advancing commercial communication technology. To meet this challenge, the Compass Call program employs an incremental Baseline upgrade acquisition strategy that puts capability into the warfighter's hands as soon as practical and ensures each iteration of the weapon system is effective against the highest priority threats. Capabilities inserted into each Baseline are planned according to warfighter inputs.

As the Compass Call program continues spiral baseline upgrades on a routine basis, procurement and installation of future spiral baseline upgrades, post Baseline 3 (BL3) and Baseline 4 (BL4) Rehost, are performed under line item CALL00 / Modification Number 1004 / COMPASS CALL Baseline Upgrades.

In order to meet warfighter needs sooner, the Compass Call BL3 aircraft will be modified to include Small Adaptive Bank of Electronic Resources (SABER) capability. This modification will enhance the BL3 aircraft with the ability to rapidly reprogram and target more advanced threats.

Utilizing the Compass Call BL4 System-Wide Open Reconfigurable Dynamic Architecture (SWORD-A) technology as its foundation, Baseline 5 (BL5) will focus on external communications systems upgrades to improve connectivity across the battlespace. The Compass Call BL3+SABER aircraft will be modified to BL5 aircraft, significantly increasing the open systems capability and connectivity.

FY2025 Compass Call Baseline Upgrade procurement efforts include, but are not limited to, Group A and Group B kit buys, future spiral baseline upgrades and integration engineering, support equipment purchase, training and simulation procurement and modification activities, as well as funding for program support costs (PSC).

Procurement activities associated with PME Group A and Group B Recurring Engineering include procurement of Group A and Group B line replaceable units (LRUs). Group A comprises the racks, harnesses, and consoles housing PME, as well as the cabling required to interface PME with the aircraft. Group B comprises individual military usable LRUs and associated cabling required to process the operational signal environment and generate electromagnetic attack signals in response.

Group A and Group B NRE activities include those associated with generating/implementing change orders, future baseline PME integration and test, and engineering required to integrate future baseline PME onto the aircraft.

Install activities include those associated with installing the Group A and Group B PME onto the aircraft and modifying the aircraft to a future spiral baseline EA-37B configuration.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1004 / COMPASS CALL Baseline Upgrade
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A		<b>MDAP/MAIS Code:</b>
<p>Support equipment activities include those associated with procuring aircraft and PME support equipment and upgrading existing support equipment required for test and fielding.</p> <p>Simulator and trainer activities include implementing modifications/updates to the Compass Call Mission Crew Simulators (CCMCS) to align with aircraft PME baseline upgrades, implementing modifications/updates to the Weapon System Trainer (WST), updating training materials, and supporting training events. To align the simulators with SWORD-A and ensure rapid deployment of capabilities into a training environment, the systems will keep pace with aircraft mission system development to address mission crew training proficiency requirements.</p> <p>Program Support Costs (PSC) include funding for advisory and assistance services (A&amp;AS) consultants, system engineering support, travel, and other program administration requirements as needed. PSC is split between Modification 1003 / COMPASS CALL Baseline Modifications and Modification 1004 / COMPASS CALL Baseline Upgrades.</p> <p>Due to rapidly changing threat environment and operational demand leveraging Compass Call capabilities, the acquisition program manager may redirect funding as necessary to meet current stated and emerging/evolving Combatant Commander requirements.</p> <p>Funding for this exhibit is contained in PE 0207253F.</p> <p>Milestone/Development Status</p> <p>The Compass Call weapon system is continuously improved using a rapid development and acquisition process supporting a spiral Baseline upgrade strategy. User needs and technology opportunities are continuously reviewed. As a result of technology refresh initiatives, including incorporation of open architectures, "plug and play systems, software defined radios, and modular software development, Compass Call is implementing agile processes to support weapon system engineering, integration, and sustainment activities.</p>		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call					<b>Modification Number / Title:</b> 1004 / COMPASS CALL Baseline Upgrade			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> EA-37B				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207253F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 2: EA-37B Baseline 3 to 5 Upgrade</b>													
A Kits													
Recurring													
EA-37B Baseline 3 to 5 Upgrade:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 34.686	2 / 36.082	1 / 24.055	- / -	5 / 94.823	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 34.686</b>	<b>- / 36.082</b>	<b>- / 24.055</b>	<b>- / -</b>	<b>- / 94.823</b>	
B Kits													
Recurring													
EA-37B Baseline 3 to 5 Upgrade:EQUIPMENT Group B (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 67.438	2 / 67.226	1 / 34.613	- / -	5 / 169.277	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 67.438</b>	<b>- / 67.226</b>	<b>- / 34.613</b>	<b>- / -</b>	<b>- / 169.277</b>	
<b>Subtotal: EA-37B Baseline 3 to 5 Upgrade</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 102.124</b>	<b>- / 103.308</b>	<b>- / 58.668</b>	<b>- / -</b>	<b>- / 264.100</b>	
<b>Modification Item 2 of 2: EA-37B SABER</b>													
A Kits													
Recurring													
EA-37B SABER:INSTALL KITS Group A (Active)	- / -	- / -	5 / 15.811	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 15.811	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 15.811</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 15.811</b>	
B Kits													
Recurring													
EA-37B SABER:EQUIPMENT Group B (Active)	- / -	- / -	5 / 31.621	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 31.621	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 31.621</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 31.621</b>	
<b>Subtotal: EA-37B SABER</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 47.432</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 47.432</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 47.432</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 102.124</b>	<b>- / 103.308</b>	<b>- / 58.668</b>	<b>- / -</b>	<b>- / 311.532</b>	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / 10.140	- / 6.535	- / 18.911	- / -	- / 18.911	- / 50.000	- / 1.405	- / 4.250	- / 42.442	- / -	- / 133.683	
GROUP B: TOTAL NONRECURRING	- / -	- / 3.000	- / 0.988	- / 16.080	- / -	- / 16.080	- / 6.234	- / 5.000	- / 8.540	- / 17.000	- / -	- / 56.842	
PSC - Other Gov't Costs	- / -	- / -	- / 4.303	- / 5.644	- / -	- / 5.644	- / 5.297	- / 5.952	- / 7.034	- / 11.034	- / -	- / 39.264	
SUPPORT-EQUIP	- / -	- / -	- / 21.860	- / 14.544	- / -	- / 14.544	- / -	- / 5.100	- / 20.000	- / 23.000	- / -	- / 84.504	
SIM/TRAINER	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.499	- / 35.713	- / 61.916	- / 25.064	- / -	- / 126.192	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1004 / COMPASS CALL Baseline Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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<b>Models of Systems Affected:</b> EA-37B	<b>Modification Type:</b> Capability Improvement	<b>Related RDT&amp;E PEs:</b> 0207253F
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal: Support</i>	- / -	- / 13.140	- / 33.686	- / 55.179	- / -	- / 55.179	- / 65.030	- / 53.170	- / 101.740	- / 118.540	- / -	- / 440.485
<b>Installation</b>												
<i>Modification Item 1 of 2:</i> EA-37B Baseline 3 to 5 Upgrade	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 44.404	3 / 66.606	5 / 111.010
<i>Modification Item 2 of 2:</i> EA-37B SABER	- / -	- / -	- / -	5 / 20.000	- / -	5 / 20.000	- / -	- / -	- / -	- / -	- / -	5 / 20.000
<i>Subtotal: Installation</i>	- / -	- / -	- / -	5 / 20.000	- / -	5 / 20.000	- / -	- / -	- / -	2 / 44.404	3 / 66.606	10 / 131.010
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	0.000	13.140	81.118	75.179	0.000	75.179	65.030	155.294	205.048	221.612	66.606	883.027



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1004 / COMPASS CALL Baseline Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 2:** EA-37B Baseline 3 to 5 Upgrade

**Manufacturer Information**

Manufacturer Name: L-3 Harris	Manufacturer Location: Waco, TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates					Mar 2027	Mar 2028	Mar 2029
Delivery Dates					Mar 2029	Mar 2030	Mar 2031

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 44.404	2 / 44.404
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 44.404	2 / 44.404
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 22.202	1 / 22.202
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 44.404	3 / 66.606

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	3	5
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> CALL00 / Compass Call	<b>Modification Number / Title:</b> 1004 / COMPASS CALL Baseline Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 2:** EA-37B SABER

**Manufacturer Information**

Manufacturer Name: L-3 Harris	Manufacturer Location: Waco, TX
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Mar 2024					
Delivery Dates		Mar 2025					

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	5 / 20,000	- / -	5 / 20,000	- / -	- / -	- / -	- / -	- / -	5 / 20,000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	5 / 20,000	- / -	5 / 20,000	- / -	- / -	- / -	- / -	- / -	5 / 20,000

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	1	-	-	-	-	-	-	-	-	-	0	5

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> CFIN00 / combat flight inspection - CFIN
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401314F	Other Related Program Elements: 0401314F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1.588	0.000	0.446	0.000	-	0.000	0.000	0.000	0.000	0.000	-	2.034
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1.588	0.000	0.446	0.000	-	0.000	0.000	0.000	0.000	0.000	-	2.034
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1.588</b>	<b>0.000</b>	<b>0.446</b>	<b>0.000</b>	-	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>2.034</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This funding supports the unique military equipment on three Federal Aviation Administration (FAA) owned, Air Force operated, Bombardier Challenger flight inspection aircraft to provide the DoD Combat Flight Inspection (CFIN) capability. CFIN is an Air Force combat capability to validate and certify airfield instrument approach and landing equipment, and associated instrument procedures, are safe and meet specifications before all-weather combat flight operations can begin. The CFIN capability is provided by three FAA Bombardier Challenger aircraft modified with unique military equipment required for the CFIN mission, including secure anti-jam radios, military Identification Friend or Foe Mode IV and V transponders, and survivability equipment.

Low cost modifications are necessary to mitigate emerging issues regarding flight safety, reliability, and maintainability of the C-143 fleet.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit is contained in PE 0401314F.

**Justification:**

No FY25 funding requested.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0305207F	<b>Other Related Program Elements:</b> 0305207F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
<i>Procurement Quantity (Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Gross/Weapon System Cost (\$ in Millions)</i>	1,611.021	234.224	220.138	222.966	-	222.966	226.333	231.415	236.228	240.921	-	3,223.246
<i>Less PY Advance Procurement (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Net Procurement (P-1) (\$ in Millions)</i>	1,611.021	234.224	220.138	222.966	-	222.966	226.333	231.415	236.228	240.921	-	3,223.246
<i>Plus CY Advance Procurement (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,611.021</b>	<b>234.224</b>	<b>220.138</b>	<b>222.966</b>	<b>-</b>	<b>222.966</b>	<b>226.333</b>	<b>231.415</b>	<b>236.228</b>	<b>240.921</b>	<b>-</b>	<b>3,223.246</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

<i>Initial Spares (\$ in Millions)</i>	-	44.461	55.614	56.408	-	56.408	57.321	58.617	59.836	61.025	-	393.282
<i>Flyaway Unit Cost (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Gross/Weapon System Unit Cost (\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The USAF's Manned Reconnaissance Systems program includes seventeen (17) RC-135V/W RIVET JOINT, three (3) RC-135S COBRA BALL and two (2) RC-135U COMBAT SENT mission aircraft performing Air Combat Command (ACC) operational missions. The RC-135V/W RIVET JOINT is the majority variant that drives the Baseline integration and modification upgrade strategy for the entire RC-135 fleet. Therefore, a significant amount of the modification budget is directly related to RIVET JOINT weapon system baseline strategy enhancements which subsequently transfer into the follow-on baseline strategy enhancements for the COBRA BALL and COMBAT SENT weapon systems.

RC-135 Viability Assessments in 2008, 2012, and 2019 reported that despite the fleet average airframe age (57 years) and accumulated flight hours (42,740) as of the end of FY 2018, the RC-135 should be able to continue to meet the user's needs by performing intended operations through at least 2050. Viability was assessed based on underlying analyses of reliability, maintainability, performance, corrosion, fatigue, architectural stability, safety and availability. The Viability Assessment also summarized that the RC-135 fleet has experienced significant improvements in reliability, maintainability and availability since FY 2001. The Program Manager attributes these improvements directly to the 645th Aeronautical Systems Group's (645 AESG) Baseline integration and spiral modification upgrade strategy and synergies gained with long-standing relationships with the RC-135 industry partners.

The RIVET JOINT Baseline integration efforts of Baselines 12 and 13 which started in early FY19, address the 2012 RC-135 Multi-Attribute Utility Assessment (MUA) that detailed operational effectiveness, cost and program analyses of the alternative weapon system configurations. The MUA determined that retaining and sustaining the RC-135V/W airframe offers the highest assessed weapons system utility (measured as a benefit of cost-to-risk ratio) over the 25-year assessment period.

Funding in FY25 through FY29 were increased due to changes in inflation rates.

Funding for this exhibit is contained in PE 0305207F.

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
DARP01 / RC-135

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0305207F **Other Related Program Elements:** 0305207F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	RC-135				- / 216.227	- / 0.000	- / 0.000	- / 4.500	- / 0.000	- / 4.500
P-3a	2504 / COBRA BALL (Capability Improvement)		A		- / 59.928	- / 13.314	- / 13.590	- / 13.851	- / 0.000	- / 13.851
P-3a	4263 / RIVET JOINT (Capability Improvement)		A		- / 1,257.768	- / 210.204	- / 195.636	- / 193.493	- / 0.000	- / 193.493
P-3a	4265 / COMBAT SENT (Capability Improvement)		A		- / 77.098	- / 10.706	- / 10.912	- / 11.122	- / 0.000	- / 11.122
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 1,611.021</b>	<b>- / 234.224</b>	<b>- / 220.138</b>	<b>- / 222.966</b>	<b>- / -</b>	<b>- / 222.966</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	RC-135				- / 4.500	- / 4.500	- / 4.500	- / 4.500	- / 0.000	- / 238.727
P-3a	2504 / COBRA BALL (Capability Improvement)		A		- / 14.039	- / 14.310	- / 14.596	- / 14.880	- / -	- / 158.508
P-3a	4263 / RIVET JOINT (Capability Improvement)		A		- / 196.521	- / 201.114	- / 205.411	- / 209.592	- / -	- / 2,669.739
P-3a	4265 / COMBAT SENT (Capability Improvement)		A		- / 11.273	- / 11.491	- / 11.721	- / 11.949	- / -	- / 156.272
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 226.333</b>	<b>- / 231.415</b>	<b>- / 236.228</b>	<b>- / 240.921</b>	<b>- / -</b>	<b>- / 3,223.246</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
FY25 procurement funding will concentrate on three major efforts: (1) initiate the integration and testing of Baseline 15, (2) continue the conversion of Baseline 12 aircraft into Baseline 14 aircraft, and (3) continue the autopilot upgrade. Ten RIVET JOINT aircraft are projected to receive the Baseline 14 configuration. During this same period, COMBAT SENT will complete the conversion of the Baseline 5 aircraft to Baseline 6, and the COBRA BALL continue integration and testing of Baseline 14. The COMBAT SENT and COBRA BALL baselines closely align with RIVET JOINT Baseline 14. Additionally, FY25 procurement will ensure integration and fielding updates to the RC-135 ground systems, which include RIVET JOINT Ground Data Processing Systems (GDPS), Distributed Mission Shelters (DMS), Mission Crew Training Systems (MCTS), Airborne Capabilities Extension System (ACES) and Operational Flight Trainers (OFT). The ground systems are upgraded to remain consistent with the fielded aircraft configurations to allow for training and qualification of the aircrew and maintenance personnel assigned, plus verification and certification of software builds that are continuously modified to address the dynamic mission requirements of these weapons systems. Due to higher USAF priorities, 13.842M of FY21 procurement funding was re-phased into FY22 and FY23 under RIVET JOINT.

Due to the changing threat and rapidly evolving near peer electromagnetic combat environment, the acquisition program manager has the authority to redirect funding as necessary to meet current and emerging Combatant Commander and/or Intelligence Community requirements to better meet the war fighting objectives.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Aggregated Modification Items Title:</b> RC-135
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4266 / CONSTANT PHOENIX			-	-	216.227	-	-	-	-	-	-	-	-	4.500	-	-	0.000	-	-	4.500
<b>Total</b>			-	-	216.227	-	-	0.000	-	-	0.000	-	-	4.500	-	-	0.000	-	-	4.500

  

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4266 / CONSTANT PHOENIX			-	-	4.500	-	-	4.500	-	-	4.500	-	-	4.500	-	-	-	-	-	238.727
<b>Total</b>			-	-	4.500	-	-	4.500	-	-	4.500	-	-	4.500	-	-	0.000	-	-	238.727

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
4266 / CONSTANT PHOENIX	WC-135R	Capability Improvement

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 2504 / COBRA BALL

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	59.928	13.314	13.590	13.851	0.000	13.851	14.039	14.310	14.596	14.880	-	158.508
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	59.928	13.314	13.590	13.851	0.000	13.851	14.039	14.310	14.596	14.880	-	158.508
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>59.928</b>	<b>13.314</b>	<b>13.590</b>	<b>13.851</b>	<b>0.000</b>	<b>13.851</b>	<b>14.039</b>	<b>14.310</b>	<b>14.596</b>	<b>14.880</b>	-	<b>158.508</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

FY25 procurement funding acquires and installs various upgrades and enhancement modifications for the three (3) RC-135S COBRA BALL aircraft performing Air Combat Command (ACC) directed operational missions. Due to the rapidly changing global threat environment, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Command (CCMD) and Intelligence Community (IC) requirements.

The Capability Description Document (CDD) addresses airframe, sensor, navigation, communications, data link, and processing requirements necessary to keep the RC-135 fleet viable through 2050. A Program Management Directive (PMD) provides direction to the 645th Aeronautical Systems Group (645 AESG) for the acquisition and sustainment of the weapons system, associated mission support equipment, and processing, exploitation and dissemination tools.

The RC-135S COBRA BALL program--Defense Airborne Reconnaissance Program (DARP)/Manned Reconnaissance Systems is managed in accordance with an incremental baseline upgrade acquisition strategy in order to maintain collection parity with evolving and emerging adversarial weapons systems utilized by state and non-state actors. The 645 AESG Baseline upgrade strategy requires purchase agreements for long-lead items that take approximately 10 to 12 months from contract award to delivery. Items required for integration in a given Baseline upgrade are contracted for purchase in the first year of the procurement funding cycle and are acquired and installed in the subsequent year. This acquisition strategy has been successful in maintaining critical combat capability in the Intelligence, Surveillance, and Reconnaissance (ISR) arena over the last 50 years.

FY25 procurement funding efforts will concentrate on integration and testing of COBRA BALL Baseline 14 enhancements and long lead items for Baseline 15. Baseline 14 subsystem upgrades consist of but are not limited to: Foreign Instrumentation Signals Intelligence (FISINT) Direction Finding antenna, high-gain steerable-beam K-band collection antenna, and Digital Data Recording, Digital Search, enhanced signal identification and classification, Target Discrimination via SATCOM, and the integration of the RIVET JOINT Baseline 14 communications intelligence (COMINT) suite.

Funding in FY25 through FY29 were increased due to changes in inflation rates.

Funding for this exhibit contained in PE 0305207F.

**Milestone/Development Status**

FY25 procurement funding is associated with the acquisition, integration, and testing of Baseline 14. Funding provides logistical support efforts for the Baseline 14 configuration upgrades and enhancements on the three (3) RC-135S COBRA BALL aircraft, their sensor systems, and associated ground support systems. These upgrades are attributed to the research and development efforts initiated in FY 2023 and FY 2024.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135					<b>Modification Number / Title:</b> 2504 / COBRA BALL			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RC-135S, TC-135W			<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305207F						
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Baseline Upgrade</i>													
A Kits													
Recurring													
Baseline Upgrade:INSTALL KITS Group A (Active)	7 / 14.038	1 / 3.359	1 / 3.431	1 / 3.497	- / -	1 / 3.497	1 / 3.544	1 / 3.613	1 / 3.685	1 / 3.757	- / -	14 / 38.924	
<i>Subtotal: Recurring</i>	- / 14.038	- / 3.359	- / 3.431	- / 3.497	- / -	- / 3.497	- / 3.544	- / 3.613	- / 3.685	- / 3.757	- / -	- / 38.924	
B Kits													
Recurring													
Baseline Upgrade:EQUIPMENT Group B (Active)	7 / 23.080	1 / 5.810	1 / 5.934	1 / 6.048	- / -	1 / 6.048	1 / 6.130	1 / 6.249	1 / 6.374	1 / 6.498	- / -	14 / 66.123	
<i>Subtotal: Recurring</i>	- / 23.080	- / 5.810	- / 5.934	- / 6.048	- / -	- / 6.048	- / 6.130	- / 6.249	- / 6.374	- / 6.498	- / -	- / 66.123	
<i>Subtotal: Baseline Upgrade</i>	- / 37.118	- / 9.169	- / 9.365	- / 9.545	- / -	- / 9.545	- / 9.674	- / 9.862	- / 10.059	- / 10.255	- / -	- / 105.047	
<i>Subtotal: Procurement, All Modification Items</i>	- / 37.118	- / 9.169	- / 9.365	- / 9.545	- / -	- / 9.545	- / 9.674	- / 9.862	- / 10.059	- / 10.255	- / -	- / 105.047	
<b>Installation</b>													
<i>Modification Item 1 of 1: Baseline Upgrade</i>													
	7 / 22.810	1 / 4.145	1 / 4.225	1 / 4.306	- / -	1 / 4.306	1 / 4.365	1 / 4.448	1 / 4.537	1 / 4.625	- / -	14 / 53.461	
<i>Subtotal: Installation</i>	7 / 22.810	1 / 4.145	1 / 4.225	1 / 4.306	- / -	1 / 4.306	1 / 4.365	1 / 4.448	1 / 4.537	1 / 4.625	- / -	14 / 53.461	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>59.928</b>	<b>13.314</b>	<b>13.590</b>	<b>13.851</b>	<b>0.000</b>	<b>13.851</b>	<b>14.039</b>	<b>14.310</b>	<b>14.596</b>	<b>14.880</b>	<b>-</b>	<b>158.508</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 2504 / COBRA BALL
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Baseline Upgrade

**Manufacturer Information**

Manufacturer Name: L-3Harris Technologies	Manufacturer Location: Greenville, TX
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates	Jun 2023	Jun 2024	Jun 2025	Jun 2026	Jun 2027	Jun 2028	Jun 2029

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	7 / 22.810	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 22.810
FY 2023	- / -	1 / 4.145	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.145
FY 2024	- / -	- / -	1 / 4.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.225
FY 2025	- / -	- / -	- / -	1 / 4.306	- / -	1 / 4.306	- / -	- / -	- / -	- / -	- / -	1 / 4.306
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.365	- / -	- / -	- / -	- / -	1 / 4.365
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.448	- / -	- / -	- / -	1 / 4.448
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.537	- / -	- / -	1 / 4.537
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.625	- / -	1 / 4.625
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	<b>7 / 22.810</b>	<b>1 / 4.145</b>	<b>1 / 4.225</b>	<b>1 / 4.306</b>	<b>- / -</b>	<b>1 / 4.306</b>	<b>1 / 4.365</b>	<b>1 / 4.448</b>	<b>1 / 4.537</b>	<b>1 / 4.625</b>	<b>- / -</b>	<b>14 / 53.461</b>

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	7	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	0	14
Out	7	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	0	14

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 4263 / RIVET JOINT

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,257.768	210.204	195.636	193.493	0.000	193.493	196.521	201.114	205.411	209.592	-	2,669.739
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,257.768	210.204	195.636	193.493	0.000	193.493	196.521	201.114	205.411	209.592	-	2,669.739
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,257.768</b>	<b>210.204</b>	<b>195.636</b>	<b>193.493</b>	<b>0.000</b>	<b>193.493</b>	<b>196.521</b>	<b>201.114</b>	<b>205.411</b>	<b>209.592</b>	<b>-</b>	<b>2,669.739</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	281.294	44.461	55.614	56.408	-	56.408	57.321	58.617	59.836	61.025	-	674.576
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

FY25 procurement funding acquires and installs various upgrade and enhancement modifications for the seventeen (17) RC-135V/W RIVET JOINT aircraft performing Air Combat Command (ACC) directed operational missions. The enhancements will focus on improving the RC-135's ability to compete and deter in the near-peer environment across the range of military operations. Due to the rapidly changing global threat environment, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Command (CCMD) and Intelligence Community (IC) requirements.

The Capability Description Document (CDD) addresses airframe, sensor, navigation, communications, data link, and processing requirements necessary to keep the RC-135 fleet viable through 2050. A Program Management Directive (PMD) provides direction to the 645th Aeronautical Systems Group (645 AESG) for the acquisition and sustainment of the weapons system, associated mission support equipment, and processing, exploitation and dissemination tools.

The RC-135V/W RIVET JOINT program -- Defense Airborne Reconnaissance Program (DARP)/Manned Reconnaissance Systems is managed in accordance with an incremental baseline upgrade acquisition strategy in order to maintain collection parity with an evolving threat environment. The 645 AESG's Baseline upgrade strategy requires purchase agreements for long lead items that take approximately 10 to 12 months from contract award to delivery. Items required for integration in a given Baseline upgrade are contracted and purchased in the first year of the procurement funding cycle and are acquired and installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the Intelligence, Surveillance and Reconnaissance (ISR) arena over the last 50 years.

FY25 procurement funding will upgrade fielded RIVET JOINT Baseline 13 configured aircraft but will concentrate on fielding Baseline 14 aircraft. RIVET JOINT BL-14 upgrades consist of, but are not limited to, providing a continuous recording capability, High Probability of Intercept (HPOI) Receiver, Corvus Digital Receiver (CDR), Communications, Navigation, and Surveillance - Air Traffic Management (CNS-ATM) avionics upgrades such as new autopilot, automated data system-broadcast (ADS-B) and Mode 5 identify friendly or foe (IFF) systems. RIVET JOINT BL-15 upgrades consist of, but are not limited to, scalable processor improvements, Wideband Agile Receiver and Pulse Detector (WARPD), Expanded Steered Beam capability, and augmented Remote Maintenance.

Funding in FY25 through FY29 were increased due to changes in inflation rates.

Funding for this exhibit contained in PE 0305207F.

Milestone/Development Status

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 4263 / RIVET JOINT
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>	
FY25 procurement funding is associated with acquisition and integration efforts for the Baseline 15 configuration upgrades/enhancements on the RC-135V/W RIVET JOINT aircraft, sensor systems, and associated ground support systems. These upgrades are attributed to the research and development efforts initiated in FY23 and FY24. These initiatives formed the basis for the RC-135V/W RIVET JOINT fleet modification strategy.		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135					<b>Modification Number / Title:</b> 4263 / RIVET JOINT			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RC-135V, RC-135W, TC-135W				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305207F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Baseline Upgrade (2)</i>													
A Kits													
Recurring													
Baseline Upgrade:INSTALL KITS Group A (Active)	28 / 816.975	4 / 142.553	4 / 126.634	4 / 123.178	- / -	4 / 123.178	4 / 125.213	4 / 128.426	4 / 131.241	4 / 134.015	- / -	56 / 1,728.235	
<i>Subtotal: Recurring</i>	- / 816.975	- / 142.553	- / 126.634	- / 123.178	- / -	- / 123.178	- / 125.213	- / 128.426	- / 131.241	- / 134.015	- / -	- / 1,728.235	
B Kits													
Recurring													
Baseline Upgrade:EQUIPMENT Group B (Active)	28 / 91.003	4 / 14.439	4 / 14.760	4 / 15.042	- / -	4 / 15.042	4 / 15.245	4 / 15.540	4 / 15.857	4 / 16.165	- / -	56 / 198.051	
<i>Subtotal: Recurring</i>	- / 91.003	- / 14.439	- / 14.760	- / 15.042	- / -	- / 15.042	- / 15.245	- / 15.540	- / 15.857	- / 16.165	- / -	- / 198.051	
<i>Subtotal: Baseline Upgrade (2)</i>	- / 907.978	- / 156.992	- / 141.394	- / 138.220	- / -	- / 138.220	- / 140.458	- / 143.966	- / 147.098	- / 150.180	- / -	- / 1,926.286	
<i>Subtotal: Procurement, All Modification Items</i>	- / 907.978	- / 156.992	- / 141.394	- / 138.220	- / -	- / 138.220	- / 140.458	- / 143.966	- / 147.098	- / 150.180	- / -	- / 1,926.286	
<b>Support (All Modification Items)</b>													
PMA - Other Gov't Costs	- / 9.343	- / 1.542	- / 1.570	- / 1.603	- / -	- / 1.603	- / 1.625	- / 1.656	- / 1.690	- / 1.688	- / -	- / 20.717	
<i>Subtotal: Support</i>	- / 9.343	- / 1.542	- / 1.570	- / 1.603	- / -	- / 1.603	- / 1.625	- / 1.656	- / 1.690	- / 1.688	- / -	- / 20.717	
<b>Installation</b>													
<i>Modification Item 1 of 1: Baseline Upgrade (2)</i>	28 / 340.447	4 / 51.670	4 / 52.672	4 / 53.670	- / -	4 / 53.670	4 / 54.438	4 / 55.492	4 / 56.623	4 / 57.724	- / -	56 / 722.736	
<i>Subtotal: Installation</i>	28 / 340.447	4 / 51.670	4 / 52.672	4 / 53.670	- / -	4 / 53.670	4 / 54.438	4 / 55.492	4 / 56.623	4 / 57.724	- / -	56 / 722.736	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>1,257.768</b>	<b>210.204</b>	<b>195.636</b>	<b>193.493</b>	<b>0.000</b>	<b>193.493</b>	<b>196.521</b>	<b>201.114</b>	<b>205.411</b>	<b>209.592</b>	<b>-</b>	<b>2,669.739</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 4263 / RIVET JOINT
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Baseline Upgrade (2)

**Manufacturer Information**

Manufacturer Name: L3Harris Technologies	Manufacturer Location: Greenville, TX
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Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 9
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates	Sep 2023	Sep 2024	Sep 2025	Sep 2026	Sep 2027	Sep 2028	Sep 2029

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	28 / 340.447	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 340.447
FY 2023	- / -	4 / 51.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 51.670
FY 2024	- / -	- / -	4 / 52.672	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 52.672
FY 2025	- / -	- / -	- / -	4 / 53.670	- / -	4 / 53.670	- / -	- / -	- / -	- / -	- / -	4 / 53.670
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	4 / 54.438	- / -	- / -	- / -	- / -	4 / 54.438
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 55.492	- / -	- / -	- / -	4 / 55.492
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 56.623	- / -	- / -	4 / 56.623
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 57.724	- / -	4 / 57.724
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	28 / 340.447	4 / 51.670	4 / 52.672	4 / 53.670	- / -	4 / 53.670	4 / 54.438	4 / 55.492	4 / 56.623	4 / 57.724	- / -	56 / 722.736

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	56
Out	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	56

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 4265 / COMBAT SENT

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	77.098	10.706	10.912	11.122	0.000	11.122	11.273	11.491	11.721	11.949	-	156.272
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	77.098	10.706	10.912	11.122	0.000	11.122	11.273	11.491	11.721	11.949	-	156.272
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>77.098</b>	<b>10.706</b>	<b>10.912</b>	<b>11.122</b>	<b>0.000</b>	<b>11.122</b>	<b>11.273</b>	<b>11.491</b>	<b>11.721</b>	<b>11.949</b>	<b>-</b>	<b>156.272</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

FY25 procurement funding acquires and installs various upgrade and enhancement modifications for the two (2) RC-135U COMBAT SENT aircraft performing Air Combat Command (ACC) directed operational missions. Due to the rapidly changing global threat environment and technological advances of our adversaries, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Command (CCMD) and Intelligence Community (IC) requirements.

The Capability Decision Document (CDD) addresses airframe, sensor, navigation, communications, data link, and processing requirements necessary to keep the RC-135 fleet viable through 2050. A Program Management Directive (PMD) provides direction to the 645th Aeronautical Systems Group (645 AESG) for the acquisition and sustainment of the weapons system, associated mission support equipment, and processing, exploitation and dissemination tools.

The RC-135U COMBAT SENT program -- Defense Airborne Reconnaissance Program (DARP)/Manned Reconnaissance Systems) is managed in accordance with an incremental baseline upgrade acquisition strategy in order to maintain collection parity with the evolving threat environment. The 645 AESG's Baseline upgrade strategy requires purchase agreements for long-lead items that take approximately 12 months from contract award to delivery. Items required for integration in a given Baseline upgrade are contracted for purchase in the first year of the procurement funding cycle and are acquired and installed in the next year. This acquisition strategy has been successful in maintaining critical combat capability in the ISR arena over the last 50 years.

FY25 procurement funding efforts will concentrate on supporting the fielded COMBAT SENT Baseline 6 aircraft. Baseline 6 subsystem upgrades consist of, but are not limited to: Wideband collection, Scientific and Technical Processors, improved antennas, improved operator interface and reporting tools, sensor calibration/testing systems, integration of the RIVET JOINT Baseline 13 Communication Intelligence (COMINT) suite, and enhancing capabilities in dense signal environments. Initial BL 7 RF engineering and design efforts which begin in FY23 will continue into FY25. Program will initiate procurement on long lead BL7 requirements.

Funding in FY25 through FY29 were increased due to changes in inflation rates.

Funding for this exhibit contained in PE 0305207F.

**Milestone/Development Status**

FY25 procurement funding is associated with the acquisition, integration, and logistical support efforts for the Baseline 6 configuration upgrades/enhancements of the two (2) RC-135U COMBAT SENT aircraft, sensor systems, and associated ground support systems. These upgrades are attributed to the research and development efforts initiated in FY21 and FY22. These initiatives formed the basis for the RC-135U COMBAT SENT fleet modification strategy.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135					<b>Modification Number / Title:</b> 4265 / COMBAT SENT			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RC-135U				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305207F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Baseline Upgrade (3)</i>													
A Kits													
Recurring													
Baseline Upgrade:INSTALL KITS Group A (Active)	7 / 27.986	1 / 2.265	1 / 2.309	1 / 2.353	- / -	1 / 2.353	1 / 2.385	1 / 2.431	1 / 2.480	1 / 2.528	- / -	14 / 44.737	
<i>Subtotal: Recurring</i>	- / 27.986	- / 2.265	- / 2.309	- / 2.353	- / -	- / 2.353	- / 2.385	- / 2.431	- / 2.480	- / 2.528	- / -	- / 44.737	
B Kits													
Recurring													
Baseline Upgrade:EQUIPMENT Group B (Active)	7 / 7.673	1 / 1.220	1 / 1.243	1 / 1.267	- / -	1 / 1.267	1 / 1.284	1 / 1.308	1 / 1.334	1 / 1.360	- / -	14 / 16.689	
<i>Subtotal: Recurring</i>	- / 7.673	- / 1.220	- / 1.243	- / 1.267	- / -	- / 1.267	- / 1.284	- / 1.308	- / 1.334	- / 1.360	- / -	- / 16.689	
<i>Subtotal: Baseline Upgrade (3)</i>	- / 35.659	- / 3.485	- / 3.552	- / 3.620	- / -	- / 3.620	- / 3.669	- / 3.739	- / 3.814	- / 3.888	- / -	- / 61.426	
<i>Subtotal: Procurement, All Modification Items</i>	- / 35.659	- / 3.485	- / 3.552	- / 3.620	- / -	- / 3.620	- / 3.669	- / 3.739	- / 3.814	- / 3.888	- / -	- / 61.426	
<b>Installation</b>													
<i>Modification Item 1 of 1: Baseline Upgrade (3)</i>													
	7 / 41.439	1 / 7.221	1 / 7.360	1 / 7.502	- / -	1 / 7.502	1 / 7.604	1 / 7.752	1 / 7.907	1 / 8.061	- / -	14 / 94.846	
<i>Subtotal: Installation</i>	7 / 41.439	1 / 7.221	1 / 7.360	1 / 7.502	- / -	1 / 7.502	1 / 7.604	1 / 7.752	1 / 7.907	1 / 8.061	- / -	14 / 94.846	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>77.098</b>	<b>10.706</b>	<b>10.912</b>	<b>11.122</b>	<b>0.000</b>	<b>11.122</b>	<b>11.273</b>	<b>11.491</b>	<b>11.721</b>	<b>11.949</b>	<b>-</b>	<b>156.272</b>	



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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> DARP01 / RC-135	<b>Modification Number / Title:</b> 4265 / COMBAT SENT
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Baseline Upgrade (3)

**Manufacturer Information**

Manufacturer Name: L3Harris Technologies	Manufacturer Location: Greenville, TX
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates	Jun 2023	Jun 2024	Jun 2025	Jun 2026	Jun 2027	Jun 2028	Jun 2029

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	7 / 41.439	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 41.439
FY 2023	- / -	1 / 7.221	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.221
FY 2024	- / -	- / -	1 / 7.360	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.360
FY 2025	- / -	- / -	- / -	1 / 7.502	- / -	1 / 7.502	- / -	- / -	- / -	- / -	- / -	1 / 7.502
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.604	- / -	- / -	- / -	- / -	1 / 7.604
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.752	- / -	- / -	- / -	1 / 7.752
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.907	- / -	- / -	1 / 7.907
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.061	- / -	1 / 8.061
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	7 / 41.439	1 / 7.221	1 / 7.360	1 / 7.502	- / -	1 / 7.502	1 / 7.604	1 / 7.752	1 / 7.907	1 / 8.061	- / -	14 / 94.846

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	7	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	0	14
Out	7	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	0	14

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> E00300 / E-3
---	--

<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207417F	<b>Other Related Program Elements:</b> 0207417F, 0809731F
--	--	---

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,290.093	29.187	1.350	68.192	-	68.192	17.355	0.839	1.399	1.426	0.000	1,409.841
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	0.000	0.000
Net Procurement (P-1) <i>(\$ in Millions)</i>	1,290.093	29.187	1.350	68.192	-	68.192	17.355	0.839	1.399	1.426	0.000	1,409.841
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	0.000	0.000
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>1,290.093</b>	<b>29.187</b>	<b>1.350</b>	<b>68.192</b>	<b>-</b>	<b>68.192</b>	<b>17.355</b>	<b>0.839</b>	<b>1.399</b>	<b>1.426</b>	<b>0.000</b>	<b>1,409.841</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The four-engine E-3 is a modified Boeing 707 airframe which carries airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. Totals include funding for Airborne Warning and Control System (AWACS) Upgrades. This line item funds modifications and may be used to address Diminishing Manufacturing Sources (DMS) issues for the overall E-3 weapon system to include aircraft, simulators, and training devices.

Life of Type (LoT) buy to procure parts for retrofit of Production jets.

Funding is decreased to align with reduced E-3 modification efforts due to the planned transition to the E-7 Wedgetail.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
E00300 / E-3

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207417F **Other Related Program Elements:** 0207417F, 0809731F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	E-3				- / 1,290.093	- / 13.347	- / 0.950	- / 1.306	- / 0.000	- / 1.306
P-3a	9721 / AWACS Communications Integration Program (ACIP) (Capability Improvement)		B		- / 0.000	- / 15.840	- / 0.400	- / 66.886	- / 0.000	- / 66.886
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				- / 1,290.093	- / 29.187	- / 1.350	- / 68.192	- / -	- / 68.192

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	E-3				- / 1.011	- / 0.839	- / 1.399	- / 1.426	- / 0.000	- / 1,310.371
P-3a	9721 / AWACS Communications Integration Program (ACIP) (Capability Improvement)		B		- / 16.344	- / 0.000	- / 0.000	- / -	- / -	- / 99.470
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				- / 17.355	- / 0.839	- / 1.399	- / 1.426	- / 0.000	- / 1,409.841

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
Funding will continue to provide enhancements to E-3G sensors, Communication/Networking, Mission Computing, and Platform to maintain viable Battle Management Command and Control (BMC2) capability as long as needed and continues to address DMS and mandates.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00300 / E-3	<b>Aggregated Modification Items Title:</b> E-3
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
50001T / BLOCK 40/45 UPGRADE			-	-	658.246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50002 / Communication Networking Upgrade (CNU)			-	-	30.557	-	-	1.000	-	-	-	-	-	-	-	-	-	-	-	
50002T / AWACS Mode 5 Acceleration			-	-	3.358	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7225 / NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)			-	-	56.833	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS			-	-	10.525	-	-	0.165	-	-	0.798	-	-	0.806	-	-	-	-	0.806	
9707 / RM&A Mod			-	-	22.942	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9709 / E-3 DRAGON			-	-	351.892	-	-	11.882	-	-	0.152	-	-	-	-	-	-	-	-	
9716 / VERTICAL STABILIZER AND RUDDER			-	-	1.816	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9718 / IP-enabled Capability (IPEC)			-	-	132.038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999XA / LOW COST MOD - AIRFRAME			-	-	9.442	-	-	0.300	-	-	-	-	0.500	-	-	-	-	-	0.500	
99999XB / LOW COST MOD - AVIONICS & MISSION SYSTEMS			-	-	8.446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999XC / Low Cost Mod - Communications			-	-	1.999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999XD / Low Cost Mod - Human Systems			-	-	1.999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>1,290.093</b>	-	-	<b>13.347</b>	-	-	<b>0.950</b>	-	-	<b>1.306</b>	-	-	<b>0.000</b>	-	-	<b>1.306</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
50001T / BLOCK 40/45 UPGRADE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	658.246	
50002 / Communication Networking Upgrade (CNU)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.557	
50002T / AWACS Mode 5 Acceleration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.358	
7225 / NEXT GENERATION			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.833	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** E00300 / E-3 **Aggregated Modification Items Title:** E-3

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
IDENTIFICATION FRIEND OR FOE (IFF)																				
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS			-	-	0.811	-	-	0.839	-	-	1.399	-	-	1.426	-	-	-	-	-	16.769
9707 / RM&A Mod			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.942
9709 / E-3 DRAGON			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	363.926
9716 / VERTICAL STABILIZER AND RUDDER			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.816
9718 / IP-enabled Capability (IPEC)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	132.038
99999XA / LOW COST MOD - AIRFRAME			-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.442
99999XB / LOW COST MOD - AVIONICS & MISSION SYSTEMS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.446
99999XC / Low Cost Mod - Communications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.999
99999XD / Low Cost Mod - Human Systems			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.999
<b>Total</b>			-	-	<b>1.011</b>	-	-	<b>0.839</b>	-	-	<b>1.399</b>	-	-	<b>1.426</b>	-	-	<b>0.000</b>	-	-	<b>1,310.371</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
50001T / BLOCK 40/45 UPGRADE	E-3	Capability Improvement
50002 / Communication Networking Upgrade (CNU)	E-3	Capability Improvement
50002T / AWACS Mode 5 Acceleration	E-3B, E-3C	Capability Improvement
7225 / NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)	E-3	Capability Improvement
8662 / AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	E-3	Capability Improvement
9707 / RM&A Mod	E-3	Reliability & Maintainability
9709 / E-3 DRAGON	E-3B, E-3C	Capability Improvement
9716 / VERTICAL STABILIZER AND RUDDER	E-3	Reliability & Maintainability
9718 / IP-enabled Capability (IPEC)	E-3	Capability Improvement

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00300 / E-3	<b>Aggregated Modification Items Title:</b> E-3
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Item Number / Title	Models of Systems Affected	Modification Type
99999XA / LOW COST MOD - AIRFRAME	E-3	Reliability & Maintainability
99999XB / LOW COST MOD - AVIONICS & MISSION SYSTEMS	E-3	Reliability & Maintainability
99999XC / Low Cost Mod - Communications	E-3	Reliability & Maintainability
99999XD / Low Cost Mod - Human Systems	E-3	Reliability & Maintainability

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00300 / E-3	<b>Modification Number / Title:</b> 9721 / AWACS Communications Integration Program (ACIP)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
---	------------------------

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	15.840	0.400	66.886	0.000	66.886	16.344	0.000	0.000	-	-	99.470
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	15.840	0.400	66.886	0.000	66.886	16.344	0.000	0.000	-	-	99.470
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>15.840</b>	<b>0.400</b>	<b>66.886</b>	<b>0.000</b>	<b>66.886</b>	<b>16.344</b>	<b>0.000</b>	<b>0.000</b>	-	-	<b>99.470</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

ACIP will provide Mobile User Objective System (MUOS) and Second Generation Anti-Jam Tactical UHF Radio for NATO (SATURN) capability by replacing the existing Have Quick II and DAMA SATCOM radios with new radios capable of communicating via the existing and additional military waveforms as a combined integration program. There are 16 total aircraft in the inventory. There will be 15 Production aircraft that will receive the ACIP modification with a four (4) radio configuration. This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

N/A



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> E00300 / E-3					<b>Modification Number / Title:</b> 9721 / AWACS Communications Integration Program (ACIP)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> E-3				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207417F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0207417F	- / 15.422	- / 21.528	- / 15.343	- / 8.779	- / -	- / 8.779	- / -	- / -	- / -	- / -	- / -	- / 61.072	
<b>Procurement</b>													
<i>Modification Item 1 of 1: ACIP</i>													
A Kits													
Recurring													
ACIP:INSTALL KITS Group A (Active)	- / -	3 / 0.103	- / -	12 / 0.420	- / -	12 / 0.420	- / -	- / -	- / -	- / -	- / -	15 / 0.523	
<i>Subtotal: Recurring</i>	- / -	- / 0.103	- / -	- / 0.420	- / -	- / 0.420	- / -	- / -	- / -	- / -	- / -	- / 0.523	
B Kits													
Recurring													
ACIP:EQUIPMENT Group B (Active)	- / -	3 / 9.008	- / -	12 / 36.799	- / -	12 / 36.799	- / -	- / -	- / -	- / -	- / -	15 / 45.807	
<i>Subtotal: Recurring</i>	- / -	- / 9.008	- / -	- / 36.799	- / -	- / 36.799	- / -	- / -	- / -	- / -	- / -	- / 45.807	
<i>Subtotal: ACIP</i>	- / -	- / 9.111	- / -	- / 37.219	- / -	- / 37.219	- / -	- / -	- / -	- / -	- / -	- / 46.330	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 9.111	- / -	- / 37.219	- / -	- / 37.219	- / -	- / -	- / -	- / -	- / -	- / 46.330	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / 3.761	- / -	- / 13.276	- / -	- / 13.276	- / 4.555	- / -	- / -	- / -	- / -	- / 21.592	
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / 10.372	- / -	- / 10.372	- / 9.506	- / -	- / -	- / -	- / -	- / 19.878	
Change Orders	- / -	- / 0.025	- / -	- / 0.489	- / -	- / 0.489	- / 0.694	- / -	- / -	- / -	- / -	- / 1.208	
ICS-Labor	- / -	- / 0.656	- / -	- / 15.447	- / -	- / 15.447	- / -	- / -	- / -	- / -	- / -	- / 16.103	
PMA - Contractor Services	- / -	- / 2.287	- / 0.400	- / 0.083	- / -	- / 0.083	- / 1.589	- / -	- / -	- / -	- / -	- / 4.359	
<i>Subtotal: Support</i>	- / -	- / 6.729	- / 0.400	- / 29.667	- / -	- / 29.667	- / 16.344	- / -	- / -	- / -	- / -	- / 53.140	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>15.840</b>	<b>0.400</b>	<b>66.886</b>	<b>0.000</b>	<b>66.886</b>	<b>16.344</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>99.470</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> E00300 / E-3			<b>Modification Number / Title:</b> 9721 / AWACS Communications Integration Program (ACIP)	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> ACIP							
<b>Manufacturer Information</b>							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime ( <i>in Months</i> ): 1				Production Leadtime ( <i>in Months</i> ): 18			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Nov 2023		Feb 2025				
Delivery Dates	May 2025		Aug 2026				
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 15		

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> E00400 / E-4
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0302015F	<b>Other Related Program Elements:</b> 0302015F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	111.667	5.973	13.055	28.728	-	28.728	36.835	44.487	45.414	46.316	0.000	332.475
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	111.667	5.973	13.055	28.728	-	28.728	36.835	44.487	45.414	46.316	0.000	332.475
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>111.667</b>	<b>5.973</b>	<b>13.055</b>	<b>28.728</b>	<b>-</b>	<b>28.728</b>	<b>36.835</b>	<b>44.487</b>	<b>45.414</b>	<b>46.316</b>	<b>0.000</b>	<b>332.475</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	5.000	0.363	0.369	-	0.369	0.375	0.383	0.391	-	-	6.881
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to the four (4) aircraft E-4B fleet. The four (4) engine E-4B is a highly modified Boeing 747 Model 200 (747-200) airframe which supports the National Airborne Operations Center (NAOC) mission. NAOC provides national civilian and military leadership with a worldwide, survivable, and enduring communications node of the National Military Command System (NMCS). The modifications listed within this document provide updates to maintain Federal Aviation Agency (FAA) airframe flight worthiness certification and provide additional capabilities to the aircraft flight control, navigation and communication systems, as well as the primary mission equipment to ensure the E-4B is able to execute its various missions. These modifications also enhance operational capability while improving flight safety, reliability, and maintainability.

The current Boeing estimated design service life of the Boeing 747-200 E-4B airframe is 115K hours and 30K cycles. It is estimated this limit will be reached by the early 2030s. However, as the aircraft age, depot periods need to be extended due to maintenance issues associated with an aging fleet, thus limiting the E-4B's ability to support the NAOC mission due to aircraft non-availability. The age of the four (4) E-4B aircraft fleet presents Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues involving primary mission equipment, and to a lesser extent the airframe. Airframe DMSMS and issues associated with the non-availability of FAA certified parts are expected to increase due to the dwindling world-wide number of Boeing 747-200 aircraft because of the international commercial airline industry removing aging aircraft from their inventories. Funding also supports emerging modification requirements, Government travel, Advisory and Assistance Services Contract (A&ASC), Federally Funded Research and Development Contract (FFRDC) support and equipment as required.

FY25 funds the Advanced Extremely High Frequency/Presidential National Voice Conferencing (AEHF/PNVC), Mobile User Objective System (MUOS), and Survivable Super High Frequency (SSHF) efforts, as well as Service Bulletins and Low Cost Modifications.

The AEHF/PNVC modification will install a Family of Advanced Beyond Line-Of-Sight Terminals (FAB-T) / PNVC system and will remove the currently installed Military Strategic Tactical Relay (MILSTAR) / Survivable Emergency Conferencing Network (SECN) systems. This modification is required to meet existing Presidential Policy Directive (PPD)-35, and National Security Presidential Directive (NSPD)-51/ Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. FAB-T Command Post Terminals will replace the MILSTAR Terminal and will provide access to protected wideband Advanced Extremely High Frequency (AEHF) satellite networks. PNVC replaces SECN, which will not be supported once the AEHF satellite network is in place.

The Low Frequency Transmit System (LFTS) program replaces the current Very Low Frequency/Low Frequency (VLF/LF) Transmit system on the four aircraft E-4B fleet. The current system has been on the E-4B for over 35 years and is unsustainable. System replacement is required in order to meet existing Presidential Policy Directive (PPD)-35 requirements and ensure there is constant and consistent connectivity

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> E00400 / E-4
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0302015F	<b>Other Related Program Elements:</b> 0302015F
<b>Line Item MDAP/MAIS Code:</b> N/A		
<p>between National Leadership and Military Forces in all phases of conflict. The E-4B National Airborne Operations Center (NAOC) Capability Development Document (CDD) is the relevant requirements document with the LF requirement which was revalidated in Oct 2013 for LFTS by the Air Force Requirements for Oversight Council (AFROC). LFTS will consist of three primary equipment groups: a Power Amplifier/Coupler (PA/C) group, a Trailing Wire Antenna (TWA) group, and a Control group. FY24 was the last year of funding for this program.</p> <p>The Survivable Super High Frequency (SSHF) modification will upgrade and replace portions of the E-4B's Jam-Resistant Secure Communications (JRSC) system to meet existing Presidential Policy Directive (PPD)-35 and National Security Presidential Directive (NSPD)-51/Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. Expected modifications include, but are not limited to, component and sub-system upgrades and replacement of portions of the current SHF system that are obsolete or near end of service life. A replacement to the SHF system is required as secure, survivable communications capability transitions from the Defense Satellite Communications System (DSCS). The program will be acquired in 2 increments: Increment 1 will include technical solutions such as upgrading the existing modems, systems integration lab, and Ka-band system. Increment 2 will include new modem technology, new Ku-band system, common workstation, and upgrades to the X-band system.</p> <p>Mod 4380, MUOS, is not an FY25 new start. Due to the fleet size, the last year of funding was in FY22. The FY25 funding completes MUOS installations</p> <p>The Mobile User Objective System (MUOS) program upgrades the E-4B's Ultra-High Frequency Radio transmitters to be MUOS capable to meet E-4B Capability Development Document (CDD) and CJCSI 6250.01F requirements. MUOS provides securable data and full duplex voice communications while simultaneously monitoring a second frequency. The MUOS upgrade will provide interoperability with MUOS waveforms for voice and data communications and with other nuclear and national C2 centers and aircraft by replacing the legacy USC-42 UHF SATCOM radios with a MUOS capable radio. Expected modifications include, but are not limited to, component and sub-system upgrades, replacement of the current UHF system, and installation on all (4) E-4Bs.</p> <p>Funding may be used to address Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues.</p> <p>This funding may include emerging modification requirements to support PMA, A&amp;AS, equipment and other government cost.</p> <p>The FY 2025 funding request was reduced by \$4.286 million to account for the availability of prior year execution balances</p>		

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft **P-1 Line Item Number / Title:**  
E00400 / E-4

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0302015F **Other Related Program Elements:** 0302015F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	E-4				- / 65.515	- / 3.233	- / 4.268	- / 5.795	- / 0.000	- / 5.795
P-3a	3411 / Survivable SHF (Capability Improvement)		B		- / 1.556	- / 1.651	- / 6.010	- / 17.710	- / 0.000	- / 17.710
P-3a	1 / AEHF Compatible Terminal/PNVC (Capability Improvement)		B		- / 44.596	- / 1.089	- / 2.777	- / 5.223	- / 0.000	- / 5.223
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 111.667</b>	<b>- / 5.973</b>	<b>- / 13.055</b>	<b>- / 28.728</b>	<b>- / -</b>	<b>- / 28.728</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	E-4				- / 8.635	- / 8.831	- / 9.015	- / 9.194	- / 0.000	- / 114.486
P-3a	3411 / Survivable SHF (Capability Improvement)		B		- / 21.560	- / 30.356	- / 30.999	- / 34.046	- / 0.000	- / 143.888
P-3a	1 / AEHF Compatible Terminal/PNVC (Capability Improvement)		B		- / 6.640	- / 5.300	- / 5.400	- / 3.076	- / 0.000	- / 74.101
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 36.835</b>	<b>- / 44.487</b>	<b>- / 45.414</b>	<b>- / 46.316</b>	<b>- / 0.000</b>	<b>- / 332.475</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

Detailed justification for individual modifications is provided in the P-3A exhibits to follow.

- SSHF FY23 supports Increment 1 hardware procurement for one aircraft, installation costs for two aircraft, PMA, and change orders.
- SSHF FY24 is projected to support Increment 1 installation costs for one aircraft, Increment 2 hardware procurement for one aircraft, and support costs.
- SSHF FY25-27 is projected to support Increment 2 hardware procurement for two aircraft, installation activities, and support costs.

- AEHF FY23 supports PMA.
- AEHF FY24 is projected to support retrofit kit installation costs for one aircraft and PMA.
- AEHF FY25-27 is projected to support PMA and SECN removal.

-LFTS FY24 supports Interim Contractor Support (ICS).

-MUOS FY25 Supports final aircraft installation and PMA

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** E00400 / E-4 **Aggregated Modification Items Title:** E-4

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4380 / MUOS			-	-	9.770	-	-	-	-	-	-	-	-	1.527	-	-	-	-	-	1.527
4409 / Low Frequency Transmit System (LFTS)			-	-	36.249	-	-	-	-	0.750	-	-	-	-	-	-	-	-	-	-
99999S / SERVICE BULLETINS			-	-	1.186	-	-	1.243	-	-	1.528	-	-	2.278	-	-	-	-	-	2.278
99999X / Low Cost Modifications			-	-	18.310	-	-	1.990	-	-	1.990	-	-	1.990	-	-	-	-	-	1.990
<b>Total</b>			-	-	<b>65.515</b>	-	-	<b>3.233</b>	-	-	<b>4.268</b>	-	-	<b>5.795</b>	-	-	<b>0.000</b>	-	-	<b>5.795</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
4380 / MUOS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.297
4409 / Low Frequency Transmit System (LFTS)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.999
99999S / SERVICE BULLETINS			-	-	6.645	-	-	6.841	-	-	7.025	-	-	7.204	-	-	-	-	-	33.950
99999X / Low Cost Modifications			-	-	1.990	-	-	1.990	-	-	1.990	-	-	1.990	-	-	-	-	-	32.240
<b>Total</b>			-	-	<b>8.635</b>	-	-	<b>8.831</b>	-	-	<b>9.015</b>	-	-	<b>9.194</b>	-	-	<b>0.000</b>	-	-	<b>114.486</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
4380 / MUOS	E-4	Capability Improvement
4409 / Low Frequency Transmit System (LFTS)	E-4B	Capability Improvement
99999S / SERVICE BULLETINS	E-4B	Reliability & Maintainability
99999X / Low Cost Modifications	E-4	Reliability & Maintainability

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 3411 / Survivable SHF

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1.556	1.651	6.010	17.710	0.000	17.710	21.560	30.356	30.999	34.046	0.000	143.888
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1.556	1.651	6.010	17.710	0.000	17.710	21.560	30.356	30.999	34.046	0.000	143.888
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1.556</b>	<b>1.651</b>	<b>6.010</b>	<b>17.710</b>	<b>0.000</b>	<b>17.710</b>	<b>21.560</b>	<b>30.356</b>	<b>30.999</b>	<b>34.046</b>	<b>0.000</b>	<b>143.888</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Survivable Super High Frequency (SSHF) will upgrade and replace portions of the E-4B's Jam-Resistant Secure Communications (JRSC) system to meet existing Presidential Policy Directive (PPD)-35 and National Security Presidential Directive (NSPD)-51/Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. Expected modifications include, but are not limited to, component and sub-system upgrades and replacement of portions of the current SHF system that are obsolete or near end of service life. A replacement to the SHF system is required as secure, survivable communications capability transitions from the Defense Satellite Communications System (DSCS).

Program approved as Section 804 Middle Tier Acquisition in April 2019.

A risk-reduction study was completed in FY2019 to further define the acquisition strategy of the SSHF program. The program will be acquired in 2 increments and each increment will be split into 2 installs to expedite fielding and reduce impact to Aircraft Availability. Increment 1A will upgrade the existing Ka-band system. Increment 1B will include technical solutions such as upgrading the existing modems and systems integration lab. Increment 2A will include new modem technology and common workstation. Increment 2B will include a new Ku-band system and upgrades to the X-band system. The SSHF program has associated Research Development Test and Evaluation funding (PE 0302015F) that will modify one prototype aircraft per increment. APAF will fund the modifications of the remaining three aircraft in each increment. Installation will occur on all four E-4Bs.

This funding may include emerging modification requirements to support PMA, A&AS, equipment, and other government cost.

**Milestone/Development Status**

Increment 1 development contract awarded in Oct 2020 and Rapid Prototype Decision approved Jan 2021.  
 Increment 2 development contract awarded in Dec 2021 and Rapid Prototype Decision approved Dec 2021.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> E00400 / E-4					<b>Modification Number / Title:</b> 3411 / Survivable SHF		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> E-4B				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0302015F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0302015F	1 / 55.420	- / 25.701	- / 39.868	- / 40.360	- / -	- / 40.360	- / 43.409	- / 24.599	- / 2.999	- / 3.059	- / -	1 / 235.415
<b>Procurement</b>												
<b>Modification Item 1 of 4:</b> Inc 1A												
A Kits												
Recurring												
Inc 1A:INSTALL KITS Group A (Active)	- / -	3 / 0.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.378
<i>Subtotal: Recurring</i>	- / -	- / 0.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.378
<i>Subtotal: Inc 1A</i>	- / -	- / 0.378	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.378
<b>Modification Item 2 of 4:</b> Inc 1B												
A Kits												
Recurring												
Inc 1B:INSTALL KITS Group A (Active)	3 / 0.243	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.243
<i>Subtotal: Recurring</i>	- / 0.243	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.243
<i>Subtotal: Inc 1B</i>	- / 0.243	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.243
<b>Modification Item 3 of 4:</b> Inc 2A												
A Kits												
Recurring												
Inc 2A:INSTALL KITS Group A (Active)	- / -	- / -	- / -	3 / 12.490	- / -	3 / 12.490	- / -	- / -	- / -	- / -	- / -	3 / 12.490
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 12.490	- / -	- / 12.490	- / -	- / -	- / -	- / -	- / -	- / 12.490
<i>Subtotal: Inc 2A</i>	- / -	- / -	- / -	- / 12.490	- / -	- / 12.490	- / -	- / -	- / -	- / -	- / -	- / 12.490
<b>Modification Item 4 of 4:</b> Inc 2B												
A Kits												
Recurring												
Inc 2B:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 21.300	- / -	- / -	- / -	3 / 21.300
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.300	- / -	- / -	- / -	- / 21.300
<i>Subtotal: Inc 2B</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.300	- / -	- / -	- / -	- / 21.300
<i>Subtotal: Procurement, All Modification Items</i>	- / 0.243	- / 0.378	- / -	- / 12.490	- / -	- / 12.490	- / -	- / 21.300	- / -	- / -	- / -	- / 34.411
<b>Support (All Modification Items)</b>												
Data	- / -	- / -	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.746	- / 1.532	- / 1.846	- / -	- / -	- / 4.524
A&AS	- / -	- / -	- / 0.492	- / 0.738	- / -	- / 0.738	- / 0.863	- / 0.884	- / 0.911	- / -	- / -	- / 3.888



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> E00400 / E-4					<b>Modification Number / Title:</b> 3411 / Survivable SHF		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> E-4B				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0302015F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
PMA - Other Gov't Costs	- / 0.040	- / -	- / 1.116	- / 0.150	- / -	- / 0.150	- / 11.345	- / 5.767	- / 0.217	- / 34.046	- / -	- / 52.681
Change Orders	- / -	- / -	- / -	- / 0.232	- / -	- / 0.232	- / 0.806	- / 0.873	- / 0.328	- / -	- / -	- / 2.239
<i>Subtotal: Support</i>	- / 0.040	- / -	- / 1.808	- / 1.320	- / -	- / 1.320	- / 13.760	- / 9.056	- / 3.302	- / 34.046	- / -	- / 63.332
<b>Installation</b>												
<i>Modification Item 1 of 4: Inc 1A</i>	- / -	- / -	2 / 2.929	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	3 / 2.929
<i>Modification Item 2 of 4: Inc 1B</i>	0 / 1.273	0 / 1.273	3 / 1.273	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.819
<i>Modification Item 3 of 4: Inc 2A</i>	- / -	- / -	- / -	0 / 3.900	- / -	0 / 3.900	3 / 7.800	- / -	- / -	- / -	- / -	3 / 11.700
<i>Modification Item 4 of 4: Inc 2B</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 27.697	- / -	- / -	3 / 27.697
<i>Subtotal: Installation</i>	- / 1.273	- / 1.273	5 / 4.202	1 / 3.900	- / -	1 / 3.900	3 / 7.800	- / -	3 / 27.697	- / -	- / -	12 / 46.145
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>1.556</b>	<b>1.651</b>	<b>6.010</b>	<b>17.710</b>	<b>0.000</b>	<b>17.710</b>	<b>21.560</b>	<b>30.356</b>	<b>30.999</b>	<b>34.046</b>	<b>0.000</b>	<b>143.888</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 3411 / Survivable SHF
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 4:** Inc 1A

**Manufacturer Information**

Manufacturer Name: L3Harris				Manufacturer Location: Salt Lake City			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 5			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jan 2024						
Delivery Dates	Jun 2024						

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	2 / 2.929	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	3 / 2.929
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	2 / 2.929	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	3 / 2.929

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
Out	0	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 3411 / Survivable SHF
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 2 of 4:** Inc 1B

**Manufacturer Information**

Manufacturer Name: L3Harris	Manufacturer Location: Salt Lake City
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 5

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 1.273	0 / 1.273	3 / 1.273	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.819
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	0 / 1.273	0 / 1.273	3 / 1.273	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.819

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
Out	0	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 3411 / Survivable SHF
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 3 of 4:** Inc 2A

**Manufacturer Information**

Manufacturer Name: L3Harris	Manufacturer Location: Salt Lake City
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Nov 2024				
Delivery Dates			May 2025				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	0 / 3.900	- / -	0 / 3.900	3 / 7.800	- / -	- / -	- / -	- / -	3 / 11.700
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	0 / 3.900	- / -	0 / 3.900	3 / 7.800	- / -	- / -	- / -	- / -	3 / 11.700

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0	3
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	0	3

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 3411 / Survivable SHF
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 4 of 4:** Inc 2B

**Manufacturer Information**

Manufacturer Name: L3Harris Manufacturer Location: Salt Lake City

Administrative Leadtime (in Months): 0 Production Leadtime (in Months): 9

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates					Mar 2027		
Delivery Dates					Dec 2027		

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 27.697	- / -	- / -	3 / 27.697
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 27.697	- / -	- / -	3 / 27.697

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	0	3
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	0	3

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 1 / AEHF Compatible Terminal/PNVC

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	44.596	1.089	2.777	5.223	0.000	5.223	6.640	5.300	5.400	3.076	0.000	74.101
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	44.596	1.089	2.777	5.223	0.000	5.223	6.640	5.300	5.400	3.076	0.000	74.101
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>44.596</b>	<b>1.089</b>	<b>2.777</b>	<b>5.223</b>	<b>0.000</b>	<b>5.223</b>	<b>6.640</b>	<b>5.300</b>	<b>5.400</b>	<b>3.076</b>	<b>0.000</b>	<b>74.101</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This modification will install a Family of Advanced Beyond Line-Of-Sight Terminals (FAB-T) / Presidential National Voice Conferencing (PNVC) system and will remove the currently installed Military Strategic Tactical Relay (MILSTAR) / Survivable Emergency Conferencing Network (SECN) systems. This modification is required to meet existing Presidential Policy Directive (PPD)-35, and National Security Presidential Directive (NSPD)-51/Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. FAB-T Command Post Terminals will replace the MILSTAR Terminal and will provide access to protected wideband Advanced Extremely High Frequency (AEHF) satellite networks. PNVC replaces SECN, which will not be supported once the AEHF satellite network is in place.

This funding may include emerging modification requirements to support PMA, A&AS, equipment and other government cost.

**Milestone/Development Status**

Milestone B occurred on 17 November 2016; Systems Requirements Review (SRR) on 28 June 2017; Preliminary Design Review (PDR) on 23 May 2018; Critical Design Review (CDR) on 22 August 2018. Two prototype kits funded with FY16 RDT&E.

MDA approved Pre-MS C RFP Release for Production Kit 1 on 2 July 2019; MDA approved Pre-MS C RFP Release for Production Kit 2 on 17 April 2020; Milestone C approved on 28 January 2021; Required Assets Available declared 13 May 2022.

Kit Procurement (Kit Description): Production Kits and Retrofit Kits procured with Prior Year funding.

- Production Kit 1 (FAB-T, PNVC, APTS) / Installation FY21-23;
- Production Kit 2 (FAB-T, PNVC, APTS, 10G Ethernet) / Installation FY22-24;
- Retrofit Kit 1 (APTS, 10G Ethernet) / Installation FY23-25;
- Retrofit Kit 2 (10G Ethernet, Live DRE) Installation FY25;
- Retrofit Kit 3 (10G Ethernet) / Installation FY26;
- Retrofit Kit 4 (FAB-T Airborne Antenna) / Installation FY26-27;
- Retrofit Kit 5 (FAB-T Airborne Antenna) / Installation FY27-28;
- Retrofit Kit 6 (FAB-T Airborne Antenna) / Installation FY28-29;
- Retrofit Kit 7 (FAB-T Airborne Antenna) / Installation FY29-30;

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> E00400 / E-4					<b>Modification Number / Title:</b> 1 / AEHF Compatible Terminal/PNVC			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> E-4B				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0302015F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0302015F	2 / 39.424	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 39.424	
<b>Procurement</b>													
<b>Modification Item 1 of 2: AEHF Initial Kits</b>													
A Kits													
Recurring													
AEHF Initial Kits:INSTALL KITS Group A (Active)	2 / 10.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 10.534	
<i>Subtotal: Recurring</i>	- / 10.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.534	
<i>Subtotal: AEHF Initial Kits</i>	- / 10.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.534	
<b>Modification Item 2 of 2: AEHF Retrofit kits</b>													
A Kits													
Recurring													
AEHF Retrofit kits:INSTALL KITS Group A (Active)	3 / 4.100	- / -	- / -	1 / 0.450	- / -	1 / 0.450	1 / 0.450	1 / 0.450	1 / 0.450	- / -	- / -	7 / 5.900	
<i>Subtotal: Recurring</i>	- / 4.100	- / -	- / -	- / 0.450	- / -	- / 0.450	- / 0.450	- / 0.450	- / 0.450	- / -	- / -	- / 5.900	
<i>Subtotal: AEHF Retrofit kits</i>	- / 4.100	- / -	- / -	- / 0.450	- / -	- / 0.450	- / 0.450	- / 0.450	- / 0.450	- / -	- / -	- / 5.900	
<i>Subtotal: Procurement, All Modification Items</i>	- / 14.634	- / -	- / -	- / 0.450	- / -	- / 0.450	- / 0.450	- / 0.450	- / 0.450	- / -	- / -	- / 16.434	
<b>Support (All Modification Items)</b>													
Data	- / 0.300	- / -	- / 0.400	- / 0.220	- / -	- / 0.220	- / 0.400	- / 0.405	- / 0.405	- / 0.265	- / -	- / 2.395	
PMA - Other Gov't Costs	- / 5.022	- / 1.089	- / 2.377	- / 0.473	- / -	- / 0.473	- / 0.185	- / 1.645	- / 1.945	- / 0.450	- / -	- / 13.186	
<i>Subtotal: Support</i>	- / 5.322	- / 1.089	- / 2.777	- / 0.693	- / -	- / 0.693	- / 0.585	- / 2.050	- / 2.350	- / 0.715	- / -	- / 15.581	
<b>Installation</b>													
<b>Modification Item 1 of 2: AEHF Initial Kits</b>	2 / 18.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 18.390	
<b>Modification Item 2 of 2: AEHF Retrofit kits</b>	0 / 6.250	1 / 0.000	- / -	1 / 4.080	- / -	1 / 4.080	2 / 5.605	1 / 2.800	1 / 2.600	1 / 2.361	- / -	7 / 23.696	
<i>Subtotal: Installation</i>	2 / 24.640	1 / -	- / -	1 / 4.080	- / -	1 / 4.080	2 / 5.605	1 / 2.800	1 / 2.600	1 / 2.361	- / -	9 / 42.086	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>44.596</b>	<b>1.089</b>	<b>2.777</b>	<b>5.223</b>	<b>0.000</b>	<b>5.223</b>	<b>6.640</b>	<b>5.300</b>	<b>5.400</b>	<b>3.076</b>	<b>0.000</b>	<b>74.101</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 1 / AEHF Compatible Terminal/PNVC
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 2:** AEHF Initial Kits

**Manufacturer Information**

Manufacturer Name: Raytheon Manufacturer Location: Largo, FL

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 16

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2 / 18.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 18.390
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	2 / 18.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 18.390

**Installation Schedule**

PYS	In	Out	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2
	0	0	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2



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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> E00400 / E-4	<b>Modification Number / Title:</b> 1 / AEHF Compatible Terminal/PNVC
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 2 of 2:** AEHF Retrofit kits

**Manufacturer Information**

Manufacturer Name: Raytheon Manufacturer Location: Largo, FL

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 9

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Jan 2025	Jan 2026	Jan 2027	Jan 2028	
Delivery Dates			Oct 2025	Oct 2026	Oct 2027	Oct 2028	

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 6.250	1 / 0.000	- / -	1 / 4.080	- / -	1 / 4.080	1 / 3.105	- / -	- / -	- / -	- / -	3 / 13.435
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.500	- / -	- / -	- / -	- / -	1 / 2.500
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.800	- / -	- / -	- / -	1 / 2.800
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.600	- / -	- / -	1 / 2.600
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.361	- / -	1 / 2.361
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	0 / 6.250	1 / 0.000	- / -	1 / 4.080	- / -	1 / 4.080	2 / 5.605	1 / 2.800	1 / 2.600	1 / 2.361	- / -	7 / 23.696

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	1	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	0	7
Out	0	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	1	7

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> H00100 / H-1
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101235F	<b>Other Related Program Elements:</b> 0101235F, 0401314F, 0804747F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	59.536	1.757	0.816	2.097	-	2.097	1.216	1.243	2.291	2.337	0.000	71.293
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	59.536	1.757	0.816	2.097	-	2.097	1.216	1.243	2.291	2.337	0.000	71.293
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>59.536</b>	<b>1.757</b>	<b>0.816</b>	<b>2.097</b>	<b>-</b>	<b>2.097</b>	<b>1.216</b>	<b>1.243</b>	<b>2.291</b>	<b>2.337</b>	<b>0.000</b>	<b>71.293</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to UH-1N and TH-1H aircraft. The two-engine UH-1N is a light, utility helicopter primarily used for missile site and range support and distinguished visitor airlift support. There are 63 UH-1N aircraft in the inventory. They were built with an estimated service life of 10,000 flight hours and are not service limited due to on-going modifications and upgrades. There are 28 TH-1H aircraft in the inventory. They are used in the helicopter track for USAF Specialized Undergraduate Pilot Training. The TH-1H modernization modification provided a service life of 20 years, the last one was delivered in 2013.

This funding will address aircraft modifications, aging fleet problems to include: structural repairs, replacement of key systems based on structural fatigue, system obsolescence and a diminishing manufacturing industrial base. Additionally, this effort will address safety requirements to include: Federal Aviation Administration, DoD, engineering mandates and configuration changes. This effort includes funding for program support costs.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding in this exhibit is contained in PE 0101235F, PE 0401314F, and PE 0804747F.

**Justification:**

Primary efforts in FY 2025 include: UH-1N Low Cost Modifications and TH-1H Low Cost Modifications.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> H01061 / MH-139A Mod
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0102110F	<b>Other Related Program Elements:</b> 0102110F
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**Line Item MDAP/MAIS Code:** 562

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	5.010	-	5.010	5.011	5.010	5.010	5.010	0.000	25.051
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	5.010	-	5.010	5.011	5.010	5.010	5.010	0.000	25.051
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.000</b>	<b>0.000</b>	<b>5.010</b>	-	<b>5.010</b>	<b>5.011</b>	<b>5.010</b>	<b>5.010</b>	<b>5.010</b>	<b>0.000</b>	<b>25.051</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The MH-139A program will replace the Air Force fleet of UH-1N aircraft, which have significant capability gaps in the areas of speed, range, endurance, payload capacity, and aircraft self-protection. Currently, funding is available to procure 42 MH-139A helicopters, training devices, and associated support equipment. The replacement aircraft will provide vertical airlift and support the requirements for Air Force Global Strike Command (AFGSC), Air Force Reserve Command (AFRC) and Air Education and Training Command (AETC). AFGSC is the Air Force lead command and operational capability requirements sponsor. This program is an element of the Air Force's nuclear enterprise reform initiatives.

MH-139A Low-Cost Modifications encompass, but are not limited to, efforts to implement performance enhancements and product improvement solutions to resolve capability gaps and meet emerging requirements for the MH-139A aircraft and associated training systems as well necessary efforts to improve reliability, maintainability, safety, and mission performance, to reduce logistics costs. Modifications are prioritized in coordination with the user based on safety of flight, critical to mission, or mission enhancement. For example, deficiencies found throughout the life of the program will be resolved to enable mission critical functions such as communications with the Intercommunications System, the ability to select ARC-210 frequency Bands and crypto modes, replacing an unsafe hoist hook, adding quick release mechanism to the fast rope system, etc.

This funding will support potentially Diminishing Manufacturing Sources (DMS) and obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity. Program funding includes, but is not limited to, purchase of Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Interim Supply Support, Data, and Program costs needed to field the capability. MH-139A Low-Cost Modifications may include installation costs depending upon the modification. For example, the existing Polygon Hoist Radio System and associated LRUs have gone obsolete and will be modified to a sustainable solution.

Funding for this exhibit contained in PE 0102110F.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> H01061 / MH-139A Mod

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0102110F	Other Related Program Elements: 0102110F
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**Line Item MDAP/MAIS Code:** 562

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	MH-139A Mod				- / 0.000	- / 0.000	- / 0.000	- / 5.010	- / 0.000	- / 5.010
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / -</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 5.010</b>	<b>- / -</b>	<b>- / 5.010</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	MH-139A Mod				- / 5.011	- / 5.010	- / 5.010	- / 5.010	- / 0.000	- / 25.051
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 5.011</b>	<b>- / 5.010</b>	<b>- / 5.010</b>	<b>- / 5.010</b>	<b>- / 0.000</b>	<b>- / 25.051</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
 This program, P-3A Mod H139A1, Low Cost Modifications, is a new start.  
 This program, P-3A Mod H139A2, Correction of Deficiencies, is a new start.

Starting FY25, future years funding for this effort will be contained in PE 0102110F, P-1 Line Item Number H01061 Modification number H139A1.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H01061 / MH-139A Mod	<b>Aggregated Modification Items Title:</b> MH-139A Mod
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
H139A1 / Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.999
H139A2 / Correction of Deficiencies			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011
<b>Total</b>			-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>5.010</b>	-	-	<b>0.000</b>	-	-	<b>5.010</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
H139A1 / Low Cost Modifications			-	-	4.999	-	-	4.999	-	-	4.999	-	-	4.999	-	-	-	-	-	24.995
H139A2 / Correction of Deficiencies			-	-	0.012	-	-	0.011	-	-	0.011	-	-	0.011	-	-	-	-	-	0.056
<b>Total</b>			-	-	<b>5.011</b>	-	-	<b>5.010</b>	-	-	<b>5.010</b>	-	-	<b>5.010</b>	-	-	<b>0.000</b>	-	-	<b>25.051</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
H139A1 / Low Cost Modifications	MH-139A	Capability Improvement
H139A2 / Correction of Deficiencies	MH-139A	Other

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> H06000 / H-60
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207224F, 0207228F	<b>Other Related Program Elements:</b> 0207224F, 0207228F
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**Line Item MDAP/MAIS Code:** None

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	701.768	10.820	4.207	2.035	-	2.035	2.066	0.000	0.000	0.000	-	720.896
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	701.768	10.820	4.207	2.035	-	2.035	2.066	0.000	0.000	0.000	-	720.896
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>701.768</b>	<b>10.820</b>	<b>4.207</b>	<b>2.035</b>	<b>-</b>	<b>2.035</b>	<b>2.066</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>720.896</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to the HH-60G helicopter. The HH-60G currently supports the Air Force's core function of Personnel Recovery. The primary mission of the HH-60G is to conduct day, night, and marginal weather Combat Search and Rescue (CSAR) in order to recover isolated personnel in hostile or permissive environments. Potential mission areas include casualty evacuation (CASEVAC), medical evacuation (MEDEVAC), non-combatant evacuation operations, civil search and rescue, international aid, disaster humanitarian relief, and insertion/extraction of combat forces. The Operational Loss Replacement (OLR) Mission Modification program completed delivery of 21 additional aircraft and is moving into sustainment.

As of 01 Oct 2024 there will be 23 aircraft in inventory, 12 aircraft are scheduled to retire in FY25. The remaining HH-60G will be divested by the end of FY26. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit is contained in PE 0207228F.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.820	4.207	2.035	-	2.035	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>10.820</b>	<b>4.207</b>	<b>2.035</b>	<b>-</b>	<b>2.035</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Justification:**

FY25 funding will be used for program support costs, and Interim Contractor Support.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> H06000 / H-60
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207224F, 0207228F	<b>Other Related Program Elements:</b> 0207224F, 0207228F
<b>Line Item MDAP/MAIS Code:</b> None		

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207229F	<b>Other Related Program Elements:</b> 0605229F
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**Line Item MDAP/MAIS Code:** 479

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	3.083	0.000	28.911	-	28.911	68.453	74.007	76.805	78.667	751.561	1,081.487
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	3.083	0.000	28.911	-	28.911	68.453	74.007	76.805	78.667	751.561	1,081.487
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>3.083</b>	<b>0.000</b>	<b>28.911</b>	<b>-</b>	<b>28.911</b>	<b>68.453</b>	<b>74.007</b>	<b>76.805</b>	<b>78.667</b>	<b>751.561</b>	<b>1,081.487</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Combat Rescue Helicopter (HH-60W) program will replace the aging HH-60G. The HH-60W will be capable of employment day or night, in adverse weather, and across the full spectrum of threats to include chemical, biological, radiological, and nuclear. On-board defensive capabilities will permit the HH-60W system to operate with less risk than legacy systems in an increased threat environment. An in-flight air refueling capability will provide an airborne alert capability and extend its combat mission range. The HH-60W system is capable of conducting combat search and rescue airborne mission commander duties. The aircraft will be self-supporting to the maximum extent practical. The HH-60W system may also conduct other collateral missions inherent in its capabilities to conduct Personnel Recovery, such as non-conventional assisted recovery, non-conventional evacuation operations, defense support to civil authorities, civil search and rescue, international aid, emergency aeromedical evacuation, disaster/humanitarian relief, counter-drug activities, support for National Aeronautics and Space Administration flight operations, and insertion/extraction of combat forces.

Funding for this exhibit contained in PE 0207229F.

Future efforts may include Directional Infrared Counter Measure capability, Global Positioning System Anti-Jam/Anti-Spoof (GPS AJ), a Degraded Visual Environment (DVE) system, Integrated Vehicle Health Monitoring System Control, Video Data Link, Blue Force Tracker 2, Next Gen Crypto Mod Mobile User Objective System (MUOS), Electronic Flight Bags, and Automated Dependent Surveillance Broadcast - In Device. Capability Upgrades and modernization also supports inclusion for mandates, hardware and software changes for diminishing manufacturing sources, and component obsolescence issues for aircraft and training systems.

This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
H060WM / HH60W Modifications

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207229F **Other Related Program Elements:** 0605229F

**Line Item MDAP/MAIS Code:** 479

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	HH60W Modifications				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	1 / Low Cost Modifications (Capability Improvement)		A		- / 0.000	- / 3.083	- / 0.000	- / 5.000	- / 0.000	- / 5.000
P-3a	2 / Directional Infrared Countermeasures (Capability Improvement)		B		- / -	- / -	- / -	- / -	- / -	- / -
P-3a	3 / Global Positioning System Anti-Jam (Capability Improvement)		B		- / -	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	4 / Degrade Visual Environment (Capability Improvement)		A		- / -	- / -	- / 0.000	- / 23.911	- / 0.000	- / 23.911
P-3a	5 / Mobile User Objective System (Capability Improvement)		A		- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.000</b>	<b>- / 3.083</b>	<b>- / 0.000</b>	<b>- / 28.911</b>	<b>- / -</b>	<b>- / 28.911</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	HH60W Modifications				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 142.214	- / 142.214
P-3a	1 / Low Cost Modifications (Capability Improvement)		A		- / 5.000	- / 5.000	- / 5.000	- / -	- / -	- / 23.083
P-3a	2 / Directional Infrared Countermeasures (Capability Improvement)		B		- / -	- / 0.000	- / 0.000	- / 27.302	- / 422.221	- / 449.523
P-3a	3 / Global Positioning System Anti-Jam (Capability Improvement)		B		- / 4.141	- / 5.270	- / 5.454	- / 5.516	- / 17.530	- / 37.911
P-3a	4 / Degrade Visual Environment (Capability Improvement)		A		- / 52.658	- / 51.663	- / 53.359	- / 32.619	- / 133.387	- / 347.597
P-3a	5 / Mobile User Objective System (Capability Improvement)		A		- / 6.654	- / 12.074	- / 12.992	- / 13.230	- / 36.209	- / 81.159
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 68.453</b>	<b>- / 74.007</b>	<b>- / 76.805</b>	<b>- / 78.667</b>	<b>- / 751.561</b>	<b>- / 1,081.487</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod H060W6, Degrade Visual Environment, is a new start.

Degraded Visual Environment (DVE) mishaps accounts for 31% of all HH-60G mishaps since 2001. A DVE system will significantly reduce operational risk in all HH-60W regimes of flight, especially en-route navigation and terminal area operations in unprepared operational locations where the combat rescue mission is performed. A DVE material and technical solution to the DOD's #1 flight rotary wing flight risk, reduces operator workload, increases ability to operate in limited visibility conditions, and reduces mishaps saving lives and equipment.

The development of the DVE modifications are expected to begin first quarter of FY25. Retrofits and installs will begin shortly thereafter.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** H060WM / HH60W Modifications **Aggregated Modification Items Title:** HH60W Modifications

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
H060W2 / Integrated Vehicle Health Management System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
H060W3 / Blue Force Tracker 2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
H060W4 / Video Data Link			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
H060W2 / Integrated Vehicle Health Management System			-	-	-	-	-	-	-	-	-	-	-	-	-	52.869	-	-	52.869	
H060W3 / Blue Force Tracker 2			-	-	-	-	-	-	-	-	-	-	-	-	-	27.226	-	-	27.226	
H060W4 / Video Data Link			-	-	-	-	-	-	-	-	-	-	-	-	-	62.119	-	-	62.119	
<b>Total</b>			-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	142.214	

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
H060W2 / Integrated Vehicle Health Management System	HH-60W	Capability Improvement
H060W3 / Blue Force Tracker 2	HH-60W	Capability Improvement
H060W4 / Video Data Link	HH-60W	Capability Improvement

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 1 / Low Cost Modifications
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	3.083	0.000	5.000	0.000	5.000	5.000	5.000	5.000	-	-	23.083
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	3.083	0.000	5.000	0.000	5.000	5.000	5.000	5.000	-	-	23.083
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>3.083</b>	<b>0.000</b>	<b>5.000</b>	<b>0.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	-	-	<b>23.083</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort enables the execution of low cost modifications in a timely manner. Funding may be used, but is not limited to, for HH-60W Bridge or Life Of Type Buys to address platform DMSMS issues, including quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering costs. Funding may also be used for support equipment or Government Furnished Equipment retrofit requirements, Alternate Mission Equipment, other weapon system solutions, and related program support costs. This funding may also be used for manufacturing, installation, and acceptance testing of low cost modifications on HH-60W aircraft, training systems and support equipment.

Milestone/Development Status

Development is ongoing.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications						<b>Modification Number / Title:</b> 1 / Low Cost Modifications		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> HH-60W				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0605229F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> HH-60W Low Cost Mods EQUIPMENT												
B Kits												
Recurring												
HH-60W Low Cost Mods EQUIPMENT: EQUIPMENT Group B (Active)	- / -	1 / 3.083	- / -	1 / 5.000	- / -	1 / 5.000	1 / 5.000	1 / 5.000	1 / 5.000	- / -	- / -	5 / 23.083
<i>Subtotal: Recurring</i>	- / -	- / 3.083	- / -	- / 5.000	- / -	- / 5.000	- / 5.000	- / 5.000	- / 5.000	- / -	- / -	- / 23.083
<i>Subtotal: HH-60W Low Cost Mods EQUIPMENT</i>	- / -	- / 3.083	- / -	- / 5.000	- / -	- / 5.000	- / 5.000	- / 5.000	- / 5.000	- / -	- / -	- / 23.083
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 3.083	- / -	- / 5.000	- / -	- / 5.000	- / 5.000	- / 5.000	- / 5.000	- / -	- / -	- / 23.083
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>3.083</b>	<b>0.000</b>	<b>5.000</b>	<b>0.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>-</b>	<b>-</b>	<b>23.083</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications			<b>Modification Number / Title:</b> 1 / Low Cost Modifications	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> HH-60W Low Cost Mods EQUIPMENT							
<b>Manufacturer Information</b>							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 1			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Mar 2023		Mar 2025	Mar 2026	Mar 2027	Mar 2028	
Delivery Dates	Apr 2023		Apr 2025	Apr 2026	Apr 2027	Apr 2028	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 5	



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 2 / Directional Infrared Countermeasures
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	0.000	0.000	27.302	422.221	449.523
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	0.000	0.000	27.302	422.221	449.523
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	-	-	-	-	-	<b>0.000</b>	<b>0.000</b>	<b>27.302</b>	<b>422.221</b>	<b>449.523</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Directional Infrared Countermeasures (DIRCM) is a suite of missile warning, laser warning, hostile fire indicator, and infrared countermeasure (IRCM) components designed to defend the aircraft from the threat posed by infrared missiles. This modification will be installed on all production aircraft.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Milestone/Development Status

The DAIRCM development began the fourth quarter in FY20 but was significantly delayed due to programmatic challenges and is not anticipated to restart until FY29.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications					<b>Modification Number / Title:</b> 2 / Directional Infrared Countermeasures			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HH-60W				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0605229F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: COMMON: DIRCM</i>													
B Kits													
Recurring													
COMMON: DIRCM:EQUIPMENT Group B (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 8.076	71 / 222.494	86 / 230.570
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.076	- / 222.494	- / 230.570
<i>Subtotal: COMMON: DIRCM</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.076	- / 222.494	- / 230.570
<i>Modification Item 2 of 2: INSTALL KITS</i>													
A Kits													
Recurring													
INSTALL KITS:INSTALL KITS Group A (Active)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 11.827	71 / 58.041	86 / 69.868
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.827	- / 58.041	- / 69.868
<i>Subtotal: INSTALL KITS</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.827	- / 58.041	- / 69.868
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.903	- / 280.535	- / 300.438
<b>Support (All Modification Items)</b>													
SUPPORT-EQUIP	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.547	- / 10.813	- / 12.360
PSC - Contractor Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.857	- / 13.326	- / 15.183
PSC - Other Gov't Costs	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.814	- / 5.778	- / 6.592
OTHER GOVT	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.100	- / 91.865	- / 93.965
Data	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.081	- / 7.556	- / 8.637
<i>Subtotal: Support</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.399	- / 129.338	- / 136.737
<b>Installation</b>													
<i>Modification Item 2 of 2: INSTALL KITS</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	86 / 12.348	86 / 12.348
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	86 / 12.348	86 / 12.348
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	-	-	-	-	-	0.000	0.000	27.302	422.221	449.523

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications			<b>Modification Number / Title:</b> 2 / Directional Infrared Countermeasures	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> COMMON: DIRCM							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 2 / Directional Infrared Countermeasures
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 2:** INSTALL KITS

**Manufacturer Information**

Manufacturer Name: TBD	Manufacturer Location: Various
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							Nov 2028
Delivery Dates							Nov 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 2.091	15 / 2.091
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	71 / 10.257	71 / 10.257
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	86 / 12.348	86 / 12.348

**Installation Schedule**

PYS	In	Out	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	86
	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	86

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 3 / Global Positioning System Anti-Jam

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	0.000	0.000	0.000	0.000	4.141	5.270	5.454	5.516	17.530	37.911
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	0.000	0.000	0.000	0.000	4.141	5.270	5.454	5.516	17.530	37.911
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>4.141</b>	<b>5.270</b>	<b>5.454</b>	<b>5.516</b>	<b>17.530</b>	<b>37.911</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Global Positioning System Anti-Jam (GPS AJ) is a recognized defense against jamming and spoofing threats to platforms using GPS as a source for the Position, Velocity and Time (PVT) navigation solution. The GPS AJ subsystem's main function is to provide GPS signal protection in jamming environments utilizing adaptive signal processing techniques to preserve the GPS signal reception. The GPS AJ subsystem consists of an Antenna Electronics Unit (AEU) and Controlled Reception Pattern Antenna (CRPA) (note: Reception and Radiation are interchangeable terms). The intent of this subsystem is to provide a "composite" radiofrequency (RF) output to a GPS receiver using a multi element antenna and advanced processing techniques in the AEU to preserve incoming GPS signals in a jamming or GPS denied environment. This modification will be installed on all production aircraft.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

The GPS-AJ development is expected to begin in FY 2026. Retrofits and installs will begin shortly thereafter.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications					<b>Modification Number / Title:</b> 3 / Global Positioning System Anti-Jam			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HH-60W				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0605229F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: GPS-AJ</i>													
A Kits													
Recurring													
GPS-AJ:INSTALL KITS Group A (Active)													
	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.115	15 / 0.294	15 / 0.300	15 / 0.307	35 / 0.702	86 / 1.718	
<i>Subtotal: Recurring</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.115	- / 0.294	- / 0.300	- / 0.307	- / 0.702	- / 1.718	
B Kits													
Recurring													
GPS-AJ:EQUIPMENT Group B (Active)													
	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.930	15 / 1.456	15 / 1.404	15 / 1.436	35 / 3.151	86 / 8.377	
<i>Subtotal: Recurring</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.930	- / 1.456	- / 1.404	- / 1.436	- / 3.151	- / 8.377	
<i>Subtotal: GPS-AJ</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.045	- / 1.750	- / 1.704	- / 1.743	- / 3.853	- / 10.095	
<i>Subtotal: Procurement, All Modification Items</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.045	- / 1.750	- / 1.704	- / 1.743	- / 3.853	- / 10.095	
<b>Support (All Modification Items)</b>													
SUPPORT-EQUIP													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.042	- / 0.071	- / 0.075	- / 0.077	- / 0.188	- / 0.453	
PSC - Contractor Services													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.857	- / 1.857	- / 1.857	- / 1.857	- / 7.428	- / 14.856	
PSC - Other Gov't Costs													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.814	- / 0.814	- / 0.814	- / 0.814	- / 3.256	- / 6.512	
OTHER GOVT													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.354	- / 0.602	- / 0.639	- / 0.653	- / 1.604	- / 3.852	
Data													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.029	- / 0.050	- / 0.053	- / 0.054	- / 0.132	- / 0.318	
<i>Subtotal: Support</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.096	- / 3.394	- / 3.438	- / 3.455	- / 12.608	- / 25.991	
<b>Installation</b>													
<i>Modification Item 1 of 1: GPS-AJ</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.126	15 / 0.312	15 / 0.318	50 / 1.069	86 / 1.825	
<i>Subtotal: Installation</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.126	15 / 0.312	15 / 0.318	50 / 1.069	86 / 1.825	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>													
	-	-	0.000	0.000	0.000	0.000	4.141	5.270	5.454	5.516	17.530	37.911	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 3 / Global Positioning System Anti-Jam
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** GPS-AJ

**Manufacturer Information**

Manufacturer Name: Rockwell Collins, Inc.	Manufacturer Location: TBD
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates				Jun 2026	Jun 2027	Jun 2028	Jun 2029
Delivery Dates				Jun 2027	Jun 2028	Jun 2029	Jun 2030

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.126	- / -	- / -	- / -	6 / 0.126
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.312	- / -	- / -	15 / 0.312
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.318	- / -	15 / 0.318
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.325	15 / 0.325
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 0.744	35 / 0.744
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.126	15 / 0.312	15 / 0.318	50 / 1.069	86 / 1.825

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	4	3	4	4	3	4	4	50	86
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	4	3	4	4	3	4	4	50	86

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 4 / Degrade Visual Environment

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	0.000	23.911	0.000	23.911	52.658	51.663	53.359	32.619	133.387	347.597
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	0.000	23.911	0.000	23.911	52.658	51.663	53.359	32.619	133.387	347.597
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>0.000</b>	<b>23.911</b>	<b>0.000</b>	<b>23.911</b>	<b>52.658</b>	<b>51.663</b>	<b>53.359</b>	<b>32.619</b>	<b>133.387</b>	<b>347.597</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod H060W6, Degrade Visual Environment, is a new start.

The Degrade Visual Environment (DVE) system Sensor Fusion hardware and software shall support pre-loaded database and sensor generated geo-registered data to allow safe navigation, takeoff, and landing when obstacles and visual references are obscured. It shall include a dedicated Sensor Fusion Processor (HW and SW). The DVE system shall support a path towards 100% full authority flight controls providing Level-1 handling qualities to reduce pilot workload in DVE conditions.

This modification will be installed on all production aircraft; total objective is 84 units at an estimated unit cost of \$4.049 million each or total cost equal to \$340 million.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

The DVE development is expected to begin the first quarter in FY25. Retrofits and installs will begin shortly thereafter.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications					<b>Modification Number / Title:</b> 4 / Degrade Visual Environment			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HH-60W				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0605229F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: COMMON: DVE</i>													
B Kits													
Recurring													
COMMON: DVE:EQUIPMENT Group B (Active)													
	- / -	- / -	- / -	10 / 14.682	- / -	10 / 14.682	10 / 14.934	10 / 15.278	10 / 15.514	10 / 17.038	36 / 60.969	86 / 138.415	
<i>Subtotal: Recurring</i>													
	- / -	- / -	- / -	- / 14.682	- / -	- / 14.682	- / 14.934	- / 15.278	- / 15.514	- / 17.038	- / 60.969	- / 138.415	
<i>Subtotal: COMMON: DVE</i>													
	- / -	- / -	- / -	- / 14.682	- / -	- / 14.682	- / 14.934	- / 15.278	- / 15.514	- / 17.038	- / 60.969	- / 138.415	
<i>Modification Item 2 of 2: DVE Install</i>													
A Kits													
Recurring													
DVE Install:INSTALL KITS Group A (Active)													
	- / -	- / -	- / -	10 / 2.496	- / -	10 / 2.496	10 / 2.554	10 / 2.612	10 / 2.673	10 / 4.465	36 / 15.977	86 / 30.777	
<i>Subtotal: Recurring</i>													
	- / -	- / -	- / -	- / 2.496	- / -	- / 2.496	- / 2.554	- / 2.612	- / 2.673	- / 4.465	- / 15.977	- / 30.777	
<i>Subtotal: DVE Install</i>													
	- / -	- / -	- / -	- / 2.496	- / -	- / 2.496	- / 2.554	- / 2.612	- / 2.673	- / 4.465	- / 15.977	- / 30.777	
<i>Subtotal: Procurement, All Modification Items</i>													
	- / -	- / -	- / -	- / 17.178	- / -	- / 17.178	- / 17.488	- / 17.890	- / 18.187	- / 21.503	- / 76.946	- / 169.192	
<b>Support (All Modification Items)</b>													
SUPPORT-EQUIP													
	- / -	- / -	- / -	- / 0.641	- / -	- / 0.641	- / 0.740	- / 0.757	- / 0.769	- / 0.584	- / 2.089	- / 5.580	
PSC - Contractor Services													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.857	- / 1.857	- / 1.857	- / 1.857	- / 9.285	- / 16.713	
PSC - Other Gov't Costs													
	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.814	- / 0.814	- / 0.814	- / 0.814	- / 4.070	- / 17.326	
OTHER GOVT													
	- / -	- / -	- / -	- / 5.644	- / -	- / 5.644	- / 26.788	- / 25.260	- / 26.533	- / 2.685	- / 17.168	- / 104.078	
Data													
	- / -	- / -	- / -	- / 0.448	- / -	- / 0.448	- / 0.517	- / 0.529	- / 0.538	- / 0.408	- / 1.460	- / 3.900	
<i>Subtotal: Support</i>													
	- / -	- / -	- / -	- / 6.733	- / -	- / 6.733	- / 30.716	- / 29.217	- / 30.511	- / 6.348	- / 34.072	- / 137.597	
<b>Installation</b>													
<i>Modification Item 2 of 2: DVE Install</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.454	10 / 4.556	10 / 4.661	10 / 4.768	46 / 22.369	86 / 40.808	
<i>Subtotal: Installation</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.454	10 / 4.556	10 / 4.661	10 / 4.768	46 / 22.369	86 / 40.808	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>													
	-	-	0.000	23.911	0.000	23.911	52.658	51.663	53.359	32.619	133.387	347.597	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications			<b>Modification Number / Title:</b> 4 / Degrade Visual Environment	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> COMMON: DVE							
<b>Manufacturer Information</b>							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 4 / Degrade Visual Environment
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 2 of 2:** DVE Install

**Manufacturer Information**

Manufacturer Name: Sierra Nevada Corporation Manufacturer Location: TBD

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates			Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.454	- / -	- / -	- / -	- / -	10 / 4.454
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.556	- / -	- / -	- / -	10 / 4.556
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.661	- / -	- / -	10 / 4.661
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.768	- / -	10 / 4.768
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.878	10 / 4.878
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 17.491	36 / 17.491
Total	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.454	10 / 4.556	10 / 4.661	10 / 4.768	46 / 22.369	86 / 40.808

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	3	2	3	3	2	3	2	2	3	3	2	3	2	46	86
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	3	2	3	3	2	3	2	2	3	3	2	3	2	46	86

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 5 / Mobile User Objective System

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	0.000	0.000	6.654	12.074	12.992	13.230	36.209	81.159
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	0.000	0.000	6.654	12.074	12.992	13.230	36.209	81.159
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>6.654</b>	<b>12.074</b>	<b>12.992</b>	<b>13.230</b>	<b>36.209</b>	<b>81.159</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Mobile User Objective System (MUOS) implements new Satellite Communication (SATCOM) technology to enable continued use of SATCOM. It will replace four Gen 5 radios with Gen 6 AN/ARC 210 Radios. This modification will be installed on all production aircraft.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

**Milestone/Development Status**

The MUOS development is expected to begin the second quarter in FY 2026.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications					<b>Modification Number / Title:</b> 5 / Mobile User Objective System			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HH-60W				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0605229F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: MUOS</i>													
A Kits													
Recurring													
							6 / 0.164	15 / 0.419	15 / 0.429	15 / 0.439	35 / 1.002	86 / 2.453	
							- / 0.164	- / 0.419	- / 0.429	- / 0.439	- / 1.002	- / 2.453	
B Kits													
Recurring													
							6 / 2.698	15 / 5.978	15 / 6.030	15 / 6.169	35 / 13.959	86 / 34.834	
							- / 2.698	- / 5.978	- / 6.030	- / 6.169	- / 13.959	- / 34.834	
							- / 2.862	- / 6.397	- / 6.459	- / 6.608	- / 14.961	- / 37.287	
							- / 2.862	- / 6.397	- / 6.459	- / 6.608	- / 14.961	- / 37.287	
<b>Support (All Modification Items)</b>													
							- / 0.110	- / 0.255	- / 0.278	- / 0.285	- / 0.690	- / 1.618	
							- / 1.857	- / 1.857	- / 1.857	- / 1.857	- / 7.428	- / 14.856	
							- / 0.814	- / 0.814	- / 0.814	- / 0.814	- / 3.256	- / 6.512	
							- / 0.934	- / 2.168	- / 2.365	- / 2.420	- / 5.868	- / 13.755	
							- / 0.077	- / 0.178	- / 0.195	- / 0.199	- / 0.483	- / 1.132	
							- / 3.792	- / 5.272	- / 5.509	- / 5.575	- / 17.725	- / 37.873	
<b>Installation</b>													
							- / -	6 / 0.405	15 / 1.024	15 / 1.047	50 / 3.523	86 / 5.999	
							- / -	6 / 0.405	15 / 1.024	15 / 1.047	50 / 3.523	86 / 5.999	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	0.000	0.000	0.000	0.000	0.000	6.654	12.074	12.992	13.230	36.209	81.159	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> H060WM / HH60W Modifications	<b>Modification Number / Title:</b> 5 / Mobile User Objective System
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** MUOS

**Manufacturer Information**

Manufacturer Name: Collins Aerospace	Manufacturer Location: TBD
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates				Oct 2025	Oct 2026	Oct 2027	Oct 2028
Delivery Dates				Oct 2026	Oct 2027	Oct 2028	Oct 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.405	- / -	- / -	- / -	6 / 0.405
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.024	- / -	- / -	15 / 1.024
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.047	- / -	15 / 1.047
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.071	15 / 1.071
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 2.452	35 / 2.452
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.405	15 / 1.024	15 / 1.047	50 / 3.523	86 / 5.999

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	4	4	4	4	3	4	4	50	86
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	4	4	4	4	3	4	4	50	86

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0305220F	<b>Other Related Program Elements:</b> 0305220F
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**Line Item MDAP/MAIS Code:** 252

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	638.123	0.193	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	638.316
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	638.123	0.193	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	638.316
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>638.123</b>	<b>0.193</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>638.316</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	2.906	-	-	-	-	-	-	-	-	-	-	2.906
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

The RQ-4 System provides high altitude, deep look, long-endurance Intelligence, Surveillance, and Reconnaissance (ISR) capability that complements space and other airborne collectors during peacetime, crisis, and war-fighting scenarios. Successor to the RQ-4A, the RQ-4B is a Remotely Piloted Aircraft (RPA) designed to employ 3,000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B had three configurations: Block 20, Block 30, and Block 40. The USAF divested Block 20 aircraft in FY21 and the Block 30 aircraft in FY22. Currently, the active inventory consists of nine (9) Block 40 air vehicles.

The Block 40 integrates the Multi-Platform Radar Technology Insertion Program (MP-RTIP) radar that has Ground Moving Target Indicator (GMTI) capability. The ground segment includes the Mission Control Element (MCE) and the Launch Recovery Element (LRE). There are a total of thirteen (13) active ground segments in the existing RQ-4 inventory. The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable operation of the RQ-4 System. The RQ-4 program will incorporate applicable synergies with other platforms and other RPA weapon systems whenever possible.

To protect production schedules from Diminishing Manufacturing Sources (DMS) and material shortages issues, the program will perform schedule protection buys when appropriate. Funding may be used to alleviate DMS issues for which there are not sufficient Government spares and/or the ability to repair organically or commercially is not viable.

FY24 funding will be used as a Low Cost Modification Line. Individual modifications will generally satisfy unforeseen requirements estimated to complete within one year. Planned modifications include aircraft, payload, ground station/communications, and other retrofits to incorporate/modify capabilities and maintain interoperability across the RQ-4 mission area for expected service life. Air Vehicle modifications are written to the Line Replaceable Unit (LRU) level, not the overarching Total Aircraft Breakdown.

Current modifications include Identification Friend or Foe (IFF) Mode 5 and Technical Order Management Agency (TOMA) retrofit support planning, other government costs not specific to separately identified Mod line, ISR Payload Adaptors, and other efforts.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0305220F	<b>Other Related Program Elements:</b> 0305220F
<b>Line Item MDAP/MAIS Code:</b> 252		

Funding for this exhibit is contained in PE 0305220F.



**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
HAWK00 / RQ-4 Mods

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0305220F **Other Related Program Elements:** 0305220F

**Line Item MDAP/MAIS Code:** 252

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	470001 / GH Aircraft Mods (Capability Improvement)		B		- / 541.053	- / 0.193	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	470003 / GH Ground Station Mods (Capability Improvement)		A		- / 15.523	- / -	- / -	- / -	- / -	- / -
P-3a	470009 / ASIP Increment I (Capability Improvement)		B		- / 37.154	- / -	- / -	- / -	- / -	- / -
P-3a	470010 / SAR (Capability Improvement)		A		- / 0.910	- / -	- / -	- / -	- / -	- / -
P-3a	470011 / ASIP Install/Calibration (Capability Improvement)		A		- / 4.834	- / -	- / -	- / -	- / -	- / -
P-3a	470012 / MODE 5/ADS-B (Capability Improvement)		B		- / 6.267	- / -	- / -	- / -	- / -	- / -
P-3a	470013 / Sensor Enhancements (Capability Improvement)		A		- / 29.382	- / -	- / -	- / -	- / -	- / -
P-3a	470019 / Communication Interoperability/Enhancements (Capability Improvement)		A		- / 3.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 638.123</b>	<b>- / 0.193</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 0.000</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	470001 / GH Aircraft Mods (Capability Improvement)		B		- / 0.000	- / 0.000	- / -	- / -	- / -	- / 541.246
P-3a	470003 / GH Ground Station Mods (Capability Improvement)		A		- / -	- / -	- / -	- / -	- / -	- / 15.523
P-3a	470009 / ASIP Increment I (Capability Improvement)		B		- / -	- / -	- / -	- / -	- / -	- / 37.154
P-3a	470010 / SAR (Capability Improvement)		A		- / -	- / -	- / -	- / -	- / -	- / 0.910
P-3a	470011 / ASIP Install/Calibration (Capability Improvement)		A		- / -	- / -	- / -	- / -	- / -	- / 4.834
P-3a	470012 / MODE 5/ADS-B (Capability Improvement)		B		- / -	- / -	- / -	- / -	- / -	- / 6.267
P-3a	470013 / Sensor Enhancements (Capability Improvement)		A		- / -	- / -	- / -	- / -	- / -	- / 29.382
P-3a	470019 / Communication Interoperability/Enhancements (Capability Improvement)		A		- / -	- / -	- / -	- / -	- / -	- / 3.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 638.316</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

The actions identified are the minimum necessary to support operations for remaining system life (i.e. comms work) and close out work already begun in prior years.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470001 / GH Aircraft Mods

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	541.053	0.193	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	541.246
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	541.053	0.193	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	541.246
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>541.053</b>	<b>0.193</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>541.246</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	0.837	0.000	0.000	-	-	-	-	-	-	-	0.000	0.837
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and is planning to divest Block 30 aircraft in FY22. To maximize value to the USAF and DoD, efforts will be pivoted to focus on supporting the Block 40 fleet and Block 30 closeout actions.

The Global Hawk System provides high altitude, deep look, long-endurance intelligence, surveillance, and reconnaissance (ISR) capability that complements space and other airborne collectors during peacetime, crisis, and war-fighting scenarios. The aircraft is an autonomous, high altitude, long-endurance, unmanned aircraft system (UAS) and must maintain interoperability with government and commercial communications systems and exploitation nodes within the AF and other DoD systems. The Global Hawk program will incorporate applicable synergies with other platforms, including the U.S. Navy's Triton, and other remotely piloted aircraft (RPA) weapon systems.

FY23 funding will be used as a Low Cost Modification Line. Individual modifications will generally satisfy unforeseen requirements estimated to complete within one year. Planned modifications include aircraft, payload, ground station/communications, and other retrofits to incorporate/modify capabilities and maintain interoperability across the RQ-4 mission area for expected service life. Air Vehicle modifications are written to the Line Replaceable Unit (LRU) level, not the overarching Total Aircraft Breakdown.

Modifications include Identification Friend or Foe (IFF) Mode 5 and Technical Order Management Agency (TOMA) retrofit support planning, other government costs not specific to separately identified Mod line, ISR Payload Adaptors, and other efforts.

This Mod to increase reliability and mission capability will cover change requests, retrofit planning, Diminishing Manufacturing Source (DMS) and Reliability and Maintainability (R&M) retrofits, Integrated Functional Capability (IFC) retrofits, trainers, contested environment initiatives, inflight mission planning updates, test support, support equipment, studies, other government costs, and program support. This Mod may be used to cover the efforts required to bring the early production aircraft up to the current operational configuration.

Requirement source: Air Combat Command.

**Milestone/Development Status**

The RQ-4 program will continue to develop, test and implement aircraft, sensor, communications and ground station performance, interoperability, sustainability and safety enhancements and solutions for implementation on the RQ-4 platform and ground-based systems in an effort to maintain and improve aircraft and payload availability effectiveness and reduce life-cycle costs.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods						<b>Modification Number / Title:</b> 470001 / GH Aircraft Mods		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> RQ-4				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> Global Hawk Air Craft Mods												
A Kits												
Recurring												
Global Hawk Air Craft Mods:INSTALL KITS Group A (Active)	67 / 7.016	- / 0.193	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 7.209
<i>Subtotal: Recurring</i>	- / 7.016	- / 0.193	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.209
B Kits												
Recurring												
Global Hawk Air Craft Mods:EQUIPMENT Group B (Active)	67 / 359.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 359.226
<i>Subtotal: Recurring</i>	- / 359.226	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 359.226
<i>Subtotal: Global Hawk Air Craft Mods</i>	- / 366.242	- / 0.193	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 366.435
<i>Subtotal: Procurement, All Modification Items</i>	- / 366.242	- / 0.193	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 366.435
<b>Support (All Modification Items)</b>												
Change Orders	- / 144.860	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 144.860
Mod of Spares	9 / 0.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.875
OTHER GOVT	- / 8.813	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.813
<i>Subtotal: Support</i>	9 / 154.548	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 154.548
<b>Installation</b>												
<i>Modification Item 1 of 1:</i> Global Hawk Air Craft Mods	67 / 20.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 20.263
<i>Subtotal: Installation</i>	67 / 20.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 20.263
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>541.053</b>	<b>0.193</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>541.246</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470001 / GH Aircraft Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Global Hawk Air Craft Mods

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Palmdale, California
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	67 / 20.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 20.263
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	67 / 20.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	67 / 20.263

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	67
Out	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	67

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470003 / GH Ground Station Mods

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	15.523	-	-	-	-	-	-	-	-	-	-	15.523
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	15.523	-	-	-	-	-	-	-	-	-	-	15.523
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>15.523</b>	-	-	-	-	-	-	-	-	-	-	<b>15.523</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	0.000	-	-	-	-	-	-	-	-	-	-	0.000
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

Mod 470003 included small modifications for the Global Hawk Ground Segment system.

Any small modifications will be addressed in the Low Cost Mod line (99999X) or other Mod line.

Milestone/Development Status

Development concluded in prior years.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods					<b>Modification Number / Title:</b> 470003 / GH Ground Station Mods			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Ground Station Mods													
B Kits													
Recurring													
Ground Station Mods:EQUIPMENT Group B (Active)	19 / 14.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 14.100	
<i>Subtotal: Recurring</i>	- / 14.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.100	
<i>Subtotal: Ground Station Mods</i>	- / 14.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.100	
<i>Subtotal: Procurement, All Modification Items</i>	- / 14.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.100	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 0.523	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.523	
<i>Subtotal: Support</i>	- / 0.523	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.523	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> Ground Station Mods	19 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.900	
<i>Subtotal: Installation</i>	19 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.900	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>15.523</b>	-	-	-	-	-	-	-	-	-	-	<b>15.523</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470003 / GH Ground Station Mods
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Ground Station Mods

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Palmdale, CA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 2

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	19 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.900
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	19 / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 0.900

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	19
Out	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	19

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470009 / ASIP Increment I
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	37.154	-	-	-	-	-	-	-	-	-	-	37.154
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	37.154	-	-	-	-	-	-	-	-	-	-	37.154
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>37.154</b>	-	-	-	-	-	-	-	-	-	-	<b>37.154</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/ near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

Airborne Signals Intelligence Payload (ASIP) Increment 1 incorporated additional signals and integrated advanced collection algorithms providing increased mission capability. It was a follow-on effort to the ASIP baseline program in compliance with SIGINT Capability Working Group priorities. The retrofit task implemented using the rotatable spares concept.

**Milestone/Development Status**

Development concluded in prior years.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods				<b>Modification Number / Title:</b> 470009 / ASIP Increment I				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4			<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0305220F	- / 0.807	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.807
<b>Procurement</b>												
<b>Modification Item 1 of 1: Group A Install Kits</b>												
A Kits												
Recurring												
Group A Install Kits:INSTALL KITS Group A (Active)	15 / 1.895	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 1.895
<i>Subtotal: Recurring</i>	- / 1.895	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.895
B Kits												
Recurring												
Group A Install Kits:EQUIPMENT Group B (Active)	15 / 17.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 17.054
<i>Subtotal: Recurring</i>	- / 17.054	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.054
<i>Subtotal: Group A Install Kits</i>	- / 18.949	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.949
<i>Subtotal: Procurement, All Modification Items</i>	- / 18.949	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.949
<b>Support (All Modification Items)</b>												
OTHER GOVT	- / 3.046	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.046
Mod of Spare	15 / 15.159	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 15.159
<i>Subtotal: Support</i>	15 / 18.205	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 18.205
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>37.154</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>37.154</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods			<b>Modification Number / Title:</b> 470009 / ASIP Increment I	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> Group A Install Kits							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrop Grumman				Manufacturer Location: Palmdale, California			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 15	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470010 / SAR

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.910	-	-	-	-	-	-	-	-	-	-	0.910
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.910	-	-	-	-	-	-	-	-	-	-	0.910
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.910</b>	-	-	-	-	-	-	-	-	-	-	<b>0.910</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

Synthetic Aperture Radar (SAR) incorporates SAR selectable Point Image Mode, for Detected and Complex Imagery into the Enhanced Integrated Sensor Suite (EISS). Software was developed and incorporated into fielded Global Hawk Integrated Functional Capability (IFC) 4.0.1.1. This modification was implemented on all Block 20 and Block 30 aircraft to include necessary revisions to the technical documentation. The major effort for this modification was updating the Phase Distortion Tables (PDT) of the Enhanced Receiver Exciter Controller (EREC).

**Milestone/Development Status**

Development concluded in prior years.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods					<b>Modification Number / Title:</b> 470010 / SAR			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Group B Calibration/Installation</i>													
B Kits													
Recurring													
Group B Calibration/Installation:EQUIPMENT Group B (Active)	44 / 0.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 0.910	
<i>Subtotal: Recurring</i>	- / 0.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.910	
<i>Subtotal: Group B Calibration/Installation</i>	- / 0.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.910	
<i>Subtotal: Procurement, All Modification Items</i>	- / 0.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.910	
<b>Installation</b>													
<i>Modification Item 1 of 1: Group B Calibration/Installation</i>													
	44 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 0.000	
<i>Subtotal: Installation</i>	44 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.910</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.910</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470010 / SAR
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Group B Calibration/Installation

**Manufacturer Information**

Manufacturer Name: Northrop Grumman Manufacturer Location: Palmdale, California

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	44 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 0.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	44 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 0.000

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	44
Out	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	44

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470011 / ASIP Install/Calibration
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	4.834	-	-	-	-	-	-	-	-	-	-	4.834
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	4.834	-	-	-	-	-	-	-	-	-	-	4.834
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>4.834</b>	-	-	-	-	-	-	-	-	-	-	<b>4.834</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

The program planned to convert all Block 30I air vehicles into Block 30M (Airborne Signals Intelligence Payload (ASIP) capable) air vehicles to meet Air Combat Command (ACC) requirements. The original retrofit plan was to convert eleven (11) Block 30I air vehicles into Block 30M capable air vehicles; however, this effort was halted by PB13. As a result, only three (3) of the eleven (11) Block 30Is were retrofitted. Subsequently, the remaining Block 30Is were to be retrofitted to Block 30M capable in a subsequent modification program. The funding was utilized to install and calibrate the ASIP units in the retrofitted Block 30M aircraft.

**Milestone/Development Status**

Development concluded in prior years.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods					<b>Modification Number / Title:</b> 470011 / ASIP Install/Calibration			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Grp A Install Kits (2)													
A Kits													
Recurring													
Grp A Install Kits:INSTALL KITS Group A (Active)	6 / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.920	
<i>Subtotal: Recurring</i>	- / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.920	
<i>Subtotal: Grp A Install Kits (2)</i>	- / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.920	
<i>Subtotal: Procurement, All Modification Items</i>	- / 0.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.920	
<b>Support (All Modification Items)</b>													
Change Orders	- / 2.955	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.955	
<i>Subtotal: Support</i>	- / 2.955	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.955	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> Grp A Install Kits (2)	6 / 0.959	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.959	
<i>Subtotal: Installation</i>	6 / 0.959	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.959	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>4.834</b>	-	-	-	-	-	-	-	-	-	-	<b>4.834</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470011 / ASIP Install/Calibration
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Grp A Install Kits (2)

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Palmdale, CA
Administrative Leadtime (in Months): 12	Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	6 / 0.959	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.959
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	6 / 0.959	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.959

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6
Out	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	6



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470012 / MODE 5/ADS-B

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	6.267	-	-	-	-	-	-	-	-	-	-	6.267
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	6.267	-	-	-	-	-	-	-	-	-	-	6.267
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>6.267</b>	-	-	-	-	-	-	-	-	-	-	<b>6.267</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

Mode 5 is an enhancement to the legacy Mode 4 Identification, Friend or Foe (IFF) which has been in use since the mid-1950s for military identification. Mode 5 provides four graduated levels of data transmission with enhanced security protection and technology advances and includes question and answer identification/classified interrogation, position reporting capability, selective interrogation, and data exchange capability.

Automatic Dependent Surveillance-Broadcast (ADS-B) is a function for air vehicles that periodically transmits its state vector (positions/velocities) and other information to air traffic controllers. This allows air traffic controllers to know where the platform is as it enters a specific air space. Mode S, which gives more detailed information on the identity of aircraft to the air traffic controller, is also being implemented with this upgrade as part of the IFF hardware. ADS-B supports improved use of airspace and enhanced safety, and is required for use in the European theater by the International Civil Aviation Organization (European FAA). The Federal Aviation Administration (FAA) and DoD have mandated implementation by December 2024.

This program will retrofit fielded aircraft with Mode 5 by the end of Fiscal Year 2022.

**Milestone/Development Status**

Contract was awarded Mar 2016. Development is underway with a projected 38-month period of performance. The development will progress to a stage where the Contractor will be able to release documentation to commence kitting for retrofit. Therefore, certain retrofit activities began prior to full completion of development effort.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods				<b>Modification Number / Title:</b> 470012 / MODE 5/ADS-B				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4			<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0305220F	- / 2.303	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.303
<b>Procurement</b>												
<b>Modification Item 1 of 1:</b> Grp B Equipment												
B Kits												
Recurring												
Grp B Equipment:EQUIPMENT Group B (Active)	34 / 5.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 5.327
<i>Subtotal: Recurring</i>	- / 5.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.327
<i>Subtotal: Grp B Equipment</i>	- / 5.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.327
<i>Subtotal: Procurement, All Modification Items</i>	- / 5.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.327
<b>Installation</b>												
<b>Modification Item 1 of 1:</b> Grp B Equipment												
	34 / 0.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.940
<i>Subtotal: Installation</i>	34 / 0.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.940
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>6.267</b>	-	-	-	-	-	-	-	-	-	-	<b>6.267</b>

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470012 / MODE 5/ADS-B
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Grp B Equipment

**Manufacturer Information**

Manufacturer Name: Northrop Grumman Manufacturer Location: Palmdale, California

Administrative Leadtime (in Months): 10 Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	34 / 0.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.940
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	34 / 0.940	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.940

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	34
Out	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	34

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470013 / Sensor Enhancements
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	29.382	-	-	-	-	-	-	-	-	-	-	29.382
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	29.382	-	-	-	-	-	-	-	-	-	-	29.382
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>29.382</b>	-	-	-	-	-	-	-	-	-	-	<b>29.382</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

This modification program includes the purchase and installation of Intelligence, Surveillance and Reconnaissance (ISR) Payload Adapters (IPAs), interface harnessing, Interchangeable Fairings (ICFs), as well as other related sensor enhancements. This Mod reflects nine (9) Blk 30 air vehicles to be retrofitted. IPAs provide a common air vehicle physical interface with an Open Mission Systems (OMS) software layer for payloads, which is expected to provide reduced cost and schedule air vehicle integration. IPAs to be installed on Airborne Signals Intelligence Payload (ASIP) capable aircraft.

**Milestone/Development Status**

Development concluded in prior years.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods					<b>Modification Number / Title:</b> 470013 / Sensor Enhancements			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Grp B Equipment (2)													
A Kits													
Recurring													
Grp B Equipment:INSTALL KITS Group A (Active)	3 / 3.621	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.621	
<i>Subtotal: Recurring</i>	- / 3.621	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.621	
B Kits													
Recurring													
Grp B Equipment:EQUIPMENT Group B (Active)	3 / 5.758	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 5.758	
<i>Subtotal: Recurring</i>	- / 5.758	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.758	
<i>Subtotal: Grp B Equipment (2)</i>	- / 9.379	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.379	
<i>Subtotal: Procurement, All Modification Items</i>	- / 9.379	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.379	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 4.551	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.551	
Change Orders	- / 5.358	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.358	
<i>Subtotal: Support</i>	- / 9.909	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.909	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> Grp B Equipment (2)	3 / 10.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 10.094	
<i>Subtotal: Installation</i>	3 / 10.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 10.094	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>29.382</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29.382</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470013 / Sensor Enhancements
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Grp B Equipment (2)

**Manufacturer Information**

Manufacturer Name: Northrop Grumman Manufacturer Location: Palmdale, California

Administrative Leadtime (in Months): 10 Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	3 / 10.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 10.094
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	3 / 10.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 10.094

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3
Out	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470019 / Communication Interoperability/ Enhancements

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	3.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	3.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	3.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	3.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>3.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.000</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

USAF divested the Block 20 aircraft in FY21 and Block 30 aircraft in FY22. To win high-end conflict, the future AF design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats. To accomplish this in the FYDP the USAF will pivot to focus on Block 30 closeout actions and supporting the Block 40 fleet until its planned divestiture in FY27.

In order to support multiple worldwide missions for remote split operations (RSO), a long-term SATCOM reach back capability is required. RSO dictate the need for a secure SATCOM C3 long-haul transmission capability enabling the physical separation of the SATCOM wideband antenna from the Mission Control Element (MCE). This solution must support use of all Ku and Extended Tether Pod (ETP) antennae authorized for use with Global Hawk. The expected result of this capability allows the transmission of C3 over existing long haul circuitry using Asynchronous Transfer Mode (ATM) and Ethernet, enabling the needed geographical separation required to conduct worldwide RSO.

In order to accommodate the communication interoperability/enhancements long term technical solution for reach-back monitoring and address the diminishing manufacturing source (DMS) for the AP4000, there's a need for a reach-back capability upgrade pair that replaces both the AP4000 and Broadmore 500.

This project will replace the AP4000 and Broadmore 500s in the MCEs and Launch Recovery Elements (LRE) with a pair of reach-back capability upgrades. This will address the short term diminishing manufacturing source for the AP4000s and also enable a long term technical solution for reach-back monitoring.

The Global Hawk Program office has an existing relationship with the Space and Naval Warfare Systems Command (SPAWAR), which will allow for the fastest and least expensive method to purchase and install the equipment. Funding will also be used to update documentation through the Contractor.

SPAWAR will purchase all equipment, parts, and materials required for ten (10) upgrades.

The Program Office will upgrade legacy GH Ultra High Frequency (UHF) communications to satisfy USAF operational effectiveness, suitability, and flexibility objectives. This effort retrofits GH air vehicles, cockpits, and associated communication system equipment.

**Milestone/Development Status**

Development installation, test, and checkout accomplished in 2018 and early 2019. The production assets can be purchased prior to full completion of development work.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods					<b>Modification Number / Title:</b> 470019 / Communication Interoperability/ Enhancements			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> RQ-4				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0305220F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Group B Equipment</i>													
A Kits													
Recurring													
Group B Equipment:INSTALL KITS Group A (Active)	34 / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.450	
<i>Subtotal: Recurring</i>	- / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.450	
B Kits													
Recurring													
Group B Equipment:EQUIPMENT Group B (Active)	34 / 1.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 1.750	
<i>Subtotal: Recurring</i>	- / 1.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.750	
<i>Subtotal: Group B Equipment</i>	- / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.200	
<i>Subtotal: Procurement, All Modification Items</i>	- / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.200	
<b>Support (All Modification Items)</b>													
Change Orders													
<i>Subtotal: Support</i>	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	
<b>Installation</b>													
<i>Modification Item 1 of 1: Group B Equipment</i>													
<i>Subtotal: Installation</i>	34 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.300	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>3.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.000</b>	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HAWK00 / RQ-4 Mods	<b>Modification Number / Title:</b> 470019 / Communication Interoperability/ Enhancements

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Group B Equipment

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Palmdale, California
Administrative Leadtime (in Months): 10	Production Leadtime (in Months): 1

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	34 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.300
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	34 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 0.300

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	34
Out	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	34

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
HCMC00 / HC/MC-130 Modifications

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207224F, 0207230F **Other Related Program Elements:** 0207224F, 0207230F

**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	584.794	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902	0.000	1,978.516
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	584.794	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902	0.000	1,978.516
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>584.794</b>	<b>111.285</b>	<b>101.055</b>	<b>213.284</b>	-	<b>213.284</b>	<b>367.274</b>	<b>261.148</b>	<b>169.774</b>	<b>169.902</b>	<b>0.000</b>	<b>1,978.516</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

HC /MC-130 Recapitalization provides a Medium-lift tanker aircraft to replace the aging USAF fleet of combat rescue HC-130P/N and special operations MC-130E/H/P/W and AC-130H/U/W aircraft for Combat Search and Rescue (CSAR) and Air Force Special Operation Forces, which are experiencing airworthiness, maintainability, and operations limitations. HC/MC-130 Recap incorporates production line modifications to the C-130J production aircraft to convert them to an HC/MC model, providing a common baseline configuration aircraft. The program also funds post-production modifications to add special mission systems required for behind-enemy-line operations required of CSAR and Special Operations aircraft. The HC-130J aircraft provides combat search and rescue infiltration and exfiltration including aerial refueling of aircraft in combat search and rescue operations as well as acting as an airborne command post during rescue operations. The MC-130J can provide specialized mobility capability to position, supply, re-supply and recover specialized ground tactical units. The AC-130J is an MC-130J that has been highly modified to provide close air support and armed reconnaissance.

This procurement portion of the HC/MC-130 modification program will improve reliability, maintainability, safety, mission performance, reduce logistics costs, and implement fleet upgrades and enhancements to meet emerging requirements for the HC/MC-130J aircraft and associated training systems. This modification permits the initiation and employment of rapid acquisition authorities to respond to emerging threats and requirements as needed. Funding will support studies to reduce potential risks, potential Diminishing Manufacturing Sources (DMS) and obsolescence solutions, to include if optimal, lifetime buys or bridge buys limited to the program of record quantity.

Funding for this exhibit is contained in PE 0207224F (HC-130J) and PE 0207230F (MC-130J).

As of 31 Jul 2023, there have been 127 HC/MC/AC-130J deliveries: 39 HC-130s, 57 MC-130Js and 31 AC-130Js. The designed service life is 30 years and the average service life remaining for an HC-130J is 23.1 years, MC-130J is 23.5 years and AC-130J is 24.7 years.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902
<b>Total:</b>									
Quantity	-	-	-	-	-	-	-	-	-

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207224F, 0207230F	<b>Other Related Program Elements:</b> 0207224F, 0207230F
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**Line Item MDAP/MAIS Code:** N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902

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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
HCMC00 / HC/MC-130 Modifications

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0207224F, 0207230F **Other Related Program Elements:** 0207224F, 0207230F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	HC/MC-130 Modifications				- / 342.978	- / 39.101	- / 5.256	- / 3.266	- / 0.000	- / 3.266
P-3a	5222 / HC/MC-130J Block 8.1 (Capability Improvement)		B		- / 17.312	- / 0.000	- / 29.563	- / 27.940	- / 0.000	- / 27.940
P-3a	8642 / (AbMN) Airborne Mission Networking (Capability Improvement)		A		- / 114.004	- / 51.030	- / 0.000	- / 45.450	- / 0.000	- / 45.450
P-3a	8658 / Paratroop Door (Capability Improvement)		B		- / 26.883	- / 13.972	- / 1.358	- / 18.300	- / 0.000	- / 18.300
P-3a	8737 / HC-Communications Modernization Phase I (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 18.733	- / 0.000	- / 18.733
P-3a	8761 / MC/AC-Communications Modernization Phase I (Capability Improvement)		B		- / 0.000	- / 7.182	- / 23.345	- / 26.191	- / 0.000	- / 26.191
P-3a	8764 / MC-Trainer Modifications (Capability Improvement)		B		- / 83.617	- / 0.000	- / 19.874	- / 14.642	- / 0.000	- / 14.642
P-3a	8767 / HC-Star XIII (Reliability & Maintainability)		B		- / -	- / -	- / 5.436	- / 39.357	- / 0.000	- / 39.357
P-3a	8768 / HC-EO/IR Sensor Modification (Service Life Extension)		B		- / -	- / -	- / 16.223	- / 19.405	- / 0.000	- / 19.405
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 584.794</b>	<b>- / 111.285</b>	<b>- / 101.055</b>	<b>- / 213.284</b>	<b>- / -</b>	<b>- / 213.284</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	HC/MC-130 Modifications				- / 10.884	- / 5.920	- / 0.429	- / 5.283	- / 0.000	- / 413.117
P-3a	5222 / HC/MC-130J Block 8.1 (Capability Improvement)		B		- / 38.148	- / 38.571	- / 36.507	- / 4.000	- / 0.000	- / 192.041
P-3a	8642 / (AbMN) Airborne Mission Networking (Capability Improvement)		A		- / 86.837	- / 46.056	- / 56.991	- / 44.166	- / 0.000	- / 444.534
P-3a	8658 / Paratroop Door (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 60.513
P-3a	8737 / HC-Communications Modernization Phase I (Capability Improvement)		B		- / 64.100	- / 62.430	- / 1.314	- / 15.482	- / 0.000	- / 162.059
P-3a	8761 / MC/AC-Communications Modernization Phase I (Capability Improvement)		B		- / 48.941	- / 77.284	- / 42.882	- / 56.351	- / 0.000	- / 282.176
P-3a	8764 / MC-Trainer Modifications (Capability Improvement)		B		- / 11.082	- / 30.788	- / 30.171	- / 26.620	- / 0.000	- / 216.794
P-3a	8767 / HC-Star XIII (Reliability & Maintainability)		B		- / 53.524	- / 0.099	- / 1.480	- / 18.000	- / 0.000	- / 117.896
P-3a	8768 / HC-EO/IR Sensor Modification (Service Life Extension)		B		- / 53.758	- / 0.000	- / -	- / -	- / -	- / 89.386
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 367.274</b>	<b>- / 261.148</b>	<b>- / 169.774</b>	<b>- / 169.902</b>	<b>- / 0.000</b>	<b>- / 1,978.516</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program, P-3A Mod 8737, HC-Communications Modernization Phase I, is a new start.  
This program, P-3A Mod 8770, Avionics Systems Upgrades, is a new start.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0207224F, 0207230F	<b>Other Related Program Elements:</b> 0207224F, 0207230F
<b>Line Item MDAP/MAIS Code:</b> N/A		
Primary efforts in FY 2025 include: HC/MC-130J Block 8.1, Paratroop Door, HC/MC/AC-Communication Modernization Phase I, MC/AC-Communications Modernization Phase I, MC-Trainer Modifications, (AbMN) Airborne Mission Networking, HC-Star XIII, and HC-EO/IR Sensor Modification.		

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Aggregated Modification Items Title:</b> HC/MC-130 Modifications
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8632 / MC-130J Increment 2			-	-	39.661	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	
8634 / HC-130J Common Configuration			-	-	45.383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8635 / HC-130J Personnel Locator System			-	-	16.935	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8636 / HC-130J Situational Awareness			-	-	122.007	-	-	12.870	-	-	3.500	-	-	1.000	-	-	-	-	1.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	12.870	-	-	3.500	-	-	1.000	-	-	-	-	1.000	
8639 / Wireless Intercom			-	-	10.599	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8648 / ADS-B out Acceleration			-	-	2.175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8652 / (RFCM) Radio Frequency Countermeasures			-	-	80.453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8659 / Broadband Antenna			-	-	9.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8760 / HC Trainer Modifications			-	-	-	-	-	20.000	-	-	0.000	-	-	0.000	-	-	-	-	0.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	20.000	-	-	0.000	-	-	0.000	-	-	-	-	0.000	
8762 / MC-130J Link 16			-	-	4.420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	
8763 / HC-130J Link 16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8765 / LAIRCM Updates			-	-	-	-	-	4.800	-	-	0.000	-	-	0.000	-	-	-	-	0.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	4.800	-	-	0.000	-	-	0.000	-	-	-	-	0.000	
8770 / Avionics Systems Upgrades			-	-	-	-	-	-	-	-	-	-	-	1.000	-	-	-	-	1.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	1.000	-	-	-	-	1.000	
99999W / HC-Low Cost Mods			-	-	-	-	-	-	-	-	1.756	-	-	1.000	-	-	-	-	1.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	1.756	-	-	1.000	-	-	-	-	1.000	

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Aggregated Modification Items Title:</b> HC/MC-130 Modifications
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
99999X / HC- Low Cost Modifications			-	-	11.945	-	-	1.366	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	1.366	-	-	-	-	-	-	-	-	-	-	-	
99999Y / MC-Low Cost Modifications			-	-	-	-	-	0.050	-	-	-	-	-	0.266	-	-	-	-	0.266	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.050	-	-	-	-	-	0.266	-	-	-	-	0.266	
<b>Total</b>			-	-	<b>342.978</b>	-	-	<b>39.101</b>	-	-	<b>5.256</b>	-	-	<b>3.266</b>	-	-	<b>0.000</b>	-	<b>3.266</b>	
Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8632 / MC-130J Increment 2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.676	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8634 / HC-130J Common Configuration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.383	
8635 / HC-130J Personnel Locator System			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.935	
8636 / HC-130J Situational Awareness			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139.377	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8639 / Wireless Intercom			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.599	
8648 / ADS-B out Acceleration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.175	
8652 / (RFCM) Radio Frequency Countermeasures			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80.453	
8659 / Broadband Antenna			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.400	
8760 / HC Trainer Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.000	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8762 / MC-130J Link 16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.420	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8763 / HC-130J Link 16			-	-	5.300	-	-	5.400	-	-	-	-	-	-	-	-	-	-	10.700	



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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Aggregated Modification Items Title:</b> HC/MC-130 Modifications
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Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Secondary Distribution</i>																				
AF			-	-	5.300	-	-	5.400	-	-	0.000	-	-	-	-	-	-	-	-	
8765 / LAIRCM Updates			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.800
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8770 / Avionics Systems Upgrades			-	-	1.001	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	2.002
<i>Secondary Distribution</i>																				
AF			-	-	1.001	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	
99999W / HC-Low Cost Mods			-	-	4.000	-	-	0.176	-	-	0.200	-	-	5.000	-	-	-	-	-	12.132
<i>Secondary Distribution</i>																				
AF			-	-	4.000	-	-	0.176	-	-	0.200	-	-	5.000	-	-	-	-	-	
99999X / HC- Low Cost Modifications			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.311
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999Y / MC-Low Cost Modifications			-	-	0.583	-	-	0.343	-	-	0.229	-	-	0.283	-	-	-	-	-	1.754
<i>Secondary Distribution</i>																				
AF			-	-	0.583	-	-	0.343	-	-	0.229	-	-	0.283	-	-	-	-	-	
<b>Total</b>			-	-	<b>10.884</b>	-	-	<b>5.920</b>	-	-	<b>0.429</b>	-	-	<b>5.283</b>	-	-	<b>0.000</b>	-	-	<b>413.117</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
8632 / MC-130J Increment 2	MC-130J	Capability Improvement
8634 / HC-130J Common Configuration	HC-130J	Capability Improvement
8635 / HC-130J Personnel Locator System	HC-130J	Capability Improvement
8636 / HC-130J Situational Awareness	HC-130J	Capability Improvement
8639 / Wireless Intercom	HC-130J	Capability Improvement
8648 / ADS-B out Acceleration	MC-130J	Capability Improvement
8652 / (RFCM) Radio Frequency Countermeasures	HC-130J	Capability Improvement
8659 / Broadband Antenna	MC-130J	Capability Improvement
8760 / HC Trainer Modifications	HC-130J	Capability Improvement

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Modification Items:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Aggregated Modification Items Title:</b> HC/MC-130 Modifications
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Item Number / Title	Models of Systems Affected	Modification Type
8762 / MC-130J Link 16	MC-130J	Capability Improvement
8763 / HC-130J Link 16	HC-130J	Capability Improvement
8765 / LAIRCM Updates	MC-130J	Reliability & Maintainability
8770 / Avionics Systems Upgrades	HC-130J	Capability Improvement
99999W / HC-Low Cost Mods	HC-130J	Safety
99999X / HC- Low Cost Modifications	HC-130J	Safety
99999Y / MC-Low Cost Modifications	MC-130J	Other

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 5222 / HC/MC-130J Block 8.1

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	17.312	0.000	29.563	27.940	0.000	27.940	38.148	38.571	36.507	4.000	0.000	192.041
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	17.312	0.000	29.563	27.940	0.000	27.940	38.148	38.571	36.507	4.000	0.000	192.041
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>17.312</b>	<b>0.000</b>	<b>29.563</b>	<b>27.940</b>	<b>0.000</b>	<b>27.940</b>	<b>38.148</b>	<b>38.571</b>	<b>36.507</b>	<b>4.000</b>	<b>0.000</b>	<b>192.041</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program funds unique HC-130J integration requirements for the Block 7.0/8.1 program. The C-130J Program (PE 0401132F) provides the Block 7.0/8.1 requirements that are common to all C-130J aircraft. The program will deliver Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM) capabilities required for compliance with evolving international standards, thereby allowing HC-130J aircraft to operate in international airspace. Some of the capabilities to be included are a new Flight Management System (FMS), Civil GPS Navigation and Data Link, Transponder including Identification Friend or Foe (IFF), Automatic Dependent Surveillance-Broadcast Out (ADS-B Out), and 4th Communications/Navigation/Identification Management Unit (CNI-MU). This funding will support potentially Diminishing Manufacturing Sources (DMS) and obsolescence solutions, to include if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes, but is not limited to, purchase of Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Data, and Program costs needed to field the capability.

In 2018 the USAF significantly revamped its HC-130J Block 7.0/8.1. upgrade strategy. The MC-130J was de-scoped from the current Block 7.0/8.1 program to allow the MC 130J to prioritize other (SOCOM-funded) modifications while allowing Air Combat Command (ACC) to move forward with Block 7.0/8.1 on the HC-130J.

The HC-130J Block 7.0/8.1 modification upgrade was under the ACAT I, but in FY 2022 was stood up a separate ACAT III program. The HC-130J Block 7.0/8.1 retrofit installation program funds the Group A and unique Group B parts that make up the HC-130J Block 7.0/8.1 retrofit kits, installation of retrofit kits, delta kit components, associated trainer efforts, and any other item required to field the HC 7.0-8.1 capability. The Common Core Group B parts in the HC-130J 7.0/8.1 retrofit kits are funded in the C-130J Block 7.0/8.1 program.

This program will retrofit 39 HC-130Js. To date, the program has acquired five (5) kits using prior year funding (one (1) kit using RDT&E funds, three (3) for production installation, and one (1) spare). Funding is programmed in FY 2022 to complete three (3) Gabreski ANG aircraft installs. No funding is programmed in FY 2023 and kit purchases will resume in FY 2024 with kit installs beginning FY 2026.

**Milestone/Development Status**

HC-130J Block 7.0/8.1 Trial Kit Install RDT&E project started in FY 2016 and contract will be closed out in FY 2023. A positive fielding decision was made in October 2022, and an installation contract for the three (3) Gabreski ANG aircraft installs was awarded in July 2023.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	29.563	27.940	-	27.940	38.148	38.571	36.507	4.000
<b>Total:</b>	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications			<b>Modification Number / Title:</b> 5222 / HC/MC-130J Block 8.1				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>					
<b>Secondary Distribution</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Secondary Distribution	Total Obligation Authority	0.000	29.563	27.940	0.000	27.940	38.148	38.571	36.507	4.000

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications					<b>Modification Number / Title:</b> 5222 / HC/MC-130J Block 8.1				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>							
<b>Models of Systems Affected:</b> HC-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207224F						
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>Procurement</b>														
<i>Modification Item 1 of 1:</i> HC 70/81 Kit														
A Kits														
Recurring														
HC 70/81 Kit:INSTALL KITS Group A (Active)	- / -	- / -	6 / 7.600	6 / 7.800	- / -	6 / 7.800	6 / 8.000	6 / 8.200	6 / 8.400	5 / 1.000	- / -	35 / 41.000		
HC 70/81 Kit:INSTALL KITS Group A (Guard)	3 / 6.834	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 6.834		
<i>Subtotal: Recurring</i>	- / 6.834	- / -	- / 7.600	- / 7.800	- / -	- / 7.800	- / 8.000	- / 8.200	- / 8.400	- / 1.000	- / -	- / 47.834		
B Kits														
Recurring														
HC 70/81 Kit:EQUIPMENT Group B (Active)	3 / 2.658	- / -	6 / 2.000	6 / 2.200	- / -	6 / 2.200	6 / 2.200	6 / 2.300	6 / 2.300	5 / 1.000	- / -	38 / 14.658		
<i>Subtotal: Recurring</i>	- / 2.658	- / -	- / 2.000	- / 2.200	- / -	- / 2.200	- / 2.200	- / 2.300	- / 2.300	- / 1.000	- / -	- / 14.658		
<i>Subtotal: HC 70/81 Kit</i>	- / 9.492	- / -	- / 9.600	- / 10.000	- / -	- / 10.000	- / 10.200	- / 10.500	- / 10.700	- / 2.000	- / -	- / 62.492		
<i>Subtotal: Procurement, All Modification Items</i>	- / 9.492	- / -	- / 9.600	- / 10.000	- / -	- / 10.000	- / 10.200	- / 10.500	- / 10.700	- / 2.000	- / -	- / 62.492		
<b>Support (All Modification Items)</b>														
OTHER GOVT	- / 0.300	- / -	- / 8.050	- / 15.975	- / -	- / 15.975	- / 15.493	- / 15.425	- / 15.100	- / -	- / -	- / 30.343		
Mod of Spares	- / 0.350	- / -	5 / 5.100	5 / 5.300	- / -	5 / 5.300	1 / 1.200	- / 0.075	- / 0.900	- / -	- / -	11 / 12.925		
PSC - Other Gov't Costs	- / 0.700	- / -	- / 15.150	- / 15.025	- / -	- / 15.025	- / 2.500	- / 2.600	- / 0.300	- / -	- / -	- / 16.275		
SUPPORT-EQUIP	- / 0.270	- / -	- / 0.263	- / 0.265	- / -	- / 0.265	- / 0.025	- / 0.028	- / 0.032	- / -	- / -	- / 0.883		
SIM/TRAINER	- / 0.100	- / -	- / 0.100	- / 0.025	- / -	- / 0.025	- / 0.030	- / 0.771	- / 0.050	- / -	- / -	- / 1.076		
ICS-Labor	- / 0.100	- / -	- / 1.300	- / 1.350	- / -	- / 1.350	- / 1.300	- / 1.300	- / 1.325	- / -	- / -	- / 16.675		
<i>Subtotal: Support</i>	- / 1.820	- / -	5 / 19.963	5 / 17.940	- / -	5 / 17.940	1 / 10.548	- / 10.199	- / 7.707	- / -	- / -	11 / 68.177		
<b>Installation</b>														
<i>Modification Item 1 of 1:</i> HC 70/81 Kit	3 / 6.000	- / -	- / -	- / -	- / -	- / -	6 / 17.400	6 / 17.872	6 / 18.100	6 / 2.000	11 / 0.000	38 / 61.372		
<i>Subtotal: Installation</i>	3 / 6.000	- / -	- / -	- / -	- / -	- / -	6 / 17.400	6 / 17.872	6 / 18.100	6 / 2.000	11 / -	38 / 61.372		
<b>Total</b>														
<b>Total Cost (Procurement + Support + Installation)</b>	<b>17.312</b>	<b>0.000</b>	<b>29.563</b>	<b>27.940</b>	<b>0.000</b>	<b>27.940</b>	<b>38.148</b>	<b>38.571</b>	<b>36.507</b>	<b>4.000</b>	<b>0.000</b>	<b>192.041</b>		

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 5222 / HC/MC-130J Block 8.1
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** HC 70/81 Kit

**Manufacturer Information**

Manufacturer Name: Lockheed Martin Aeronautics	Manufacturer Location: Marietta, Georgia
Administrative Leadtime (in Months): 4	Production Leadtime (in Months): 24

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Feb 2024	Feb 2025	Feb 2026	Feb 2027	Feb 2028	Feb 2029
Delivery Dates		Feb 2026	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	3 / 6.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 6.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	6 / 17.400	- / -	- / -	- / -	- / -	6 / 17.400
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 17.872	- / -	- / -	- / -	6 / 17.872
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 18.100	- / -	- / -	6 / 18.100
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.000	- / -	6 / 2.000
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.000	6 / 0.000
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.000	5 / 0.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	3 / 6.000	- / -	- / -	- / -	- / -	- / -	6 / 17.400	6 / 17.872	6 / 18.100	6 / 2.000	11 / 0.000	38 / 61.372

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	11	38
Out	0	-	-	-	1	-	-	-	1	-	-	1	-	-	-	2	2	2	2	-	2	2	2	-	2	2	2	-	2	15	38

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8642 / (AbMN) Airborne Mission Networking

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	114.004	51.030	0.000	45.450	0.000	45.450	86.837	46.056	56.991	44.166	0.000	444.534
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	114.004	51.030	0.000	45.450	0.000	45.450	86.837	46.056	56.991	44.166	0.000	444.534
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>114.004</b>	<b>51.030</b>	<b>0.000</b>	<b>45.450</b>	<b>0.000</b>	<b>45.450</b>	<b>86.837</b>	<b>46.056</b>	<b>56.991</b>	<b>44.166</b>	<b>0.000</b>	<b>444.534</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

AbMN is AFSOC's key enabler for Joint All-Domain Command and Control in modern conflict environments; it is a net-centric capability to improve tactical decision making by creating a correlated, common operating picture and provides for enhanced, digital collaboration with Combat Air Forces and Coalition partners. This modification equips the MC-130J with the service common hardware to satisfy the USAF Airborne Networking mandate as well as AFSOC's communication tactical datalink capability requirements as stated in the USSOCOM Airborne Mission Networking Capabilities Development Document, dated 6 January 2016. The service common hardware is being permanently integrated in the MC-130J aircraft as part of USSOCOMs AbMN modification and provides capabilities that include Beyond Line of Site, Line of Site, and Full Motion Video datalink. This funding request will support potential Diminishing Manufacturing Sources (DMS) and obsolescence solutions to include, if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes but is not limited to purchase of government furnished equipment, trainers/simulators, pub/tech data, Interim Contractor Support, data, kits, training, spares, deployment packages, Engineering Services, Technical Refreshes, Retrofits, program costs needed to field the capability and other government costs.

Per direction from SAF/AQ, HC/MC has been directed to follow the Re-engineered Supply Support Program (RSSP) policy direction dated 11 Feb 2000, to procure initial spares with program funding. The line in the funding table labeled "Mod of Spares" is the procurement of initial spares. Requirement is 64 MC-130J aircraft.

This program provides the AF service common hardware for USSOCOM PE (1160403BB). USSOCOM funds the integration and installation of the AF service common hardware as part of its AbMN program. Due to funding constraints, AbMN may procure different quantities of group A and group B kits.

AbMN is part of a block modification upgrade that also includes Terrain Following (MCTF) and Radio Frequency Countermeasures (RFCM).

**Milestone/Development Status**

Milestone B; LRIP start 3QFY20, Rapid Fielding 2Q FY23.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	51.030	-	45.450	-	45.450	86.837	46.056	56.991	44.166
<b>Total:</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8642 / (AbMN) Airborne Mission Networking

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	51.030	0.000	45.450	0.000	45.450	86.837	46.056	56.991	44.166



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications					<b>Modification Number / Title:</b> 8642 / (AbMN) Airborne Mission Networking			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MC-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207230F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> AbMNGroup B													
B Kits													
Recurring													
AbMNGroup B:EQUIPMENT Group B (Active)	13 / 73.405	5 / 36.432	- / -	6 / 39.012	- / -	6 / 39.012	7 / 46.880	6 / 41.388	6 / 42.630	6 / 44.166	- / -	49 / 323.913	
<i>Subtotal: Recurring</i>	- / 73.405	- / 36.432	- / -	- / 39.012	- / -	- / 39.012	- / 46.880	- / 41.388	- / 42.630	- / 44.166	- / -	- / 323.913	
<i>Subtotal: AbMNGroup B</i>	- / 73.405	- / 36.432	- / -	- / 39.012	- / -	- / 39.012	- / 46.880	- / 41.388	- / 42.630	- / 44.166	- / -	- / 323.913	
<i>Subtotal: Procurement, All Modification Items</i>	- / 73.405	- / 36.432	- / -	- / 39.012	- / -	- / 39.012	- / 46.880	- / 41.388	- / 42.630	- / 44.166	- / -	- / 323.913	
<b>Support (All Modification Items)</b>													
Change Orders	- / -	- / -	- / -	- / 0.748	- / -	- / 0.748	- / 8.957	1 / 4.668	- / -	- / -	- / -	1 / 14.373	
SIM/TRAINER	- / 22.857	- / 15.423	- / -	- / -	- / -	- / -	- / 12.000	- / -	2 / 8.000	- / -	- / -	2 / 48.280	
ICS-Material	- / 0.001	- / 1.145	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.146	
ICS-Labor	- / -	- / 0.463	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.463	
PSC - Other Gov't Costs	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	
Mod of Spares	- / 9.895	2 / 2.467	- / -	- / 15.690	- / -	- / 15.690	2 / 19.000	- / -	1 / 6.361	- / -	- / -	5 / 43.413	
OTHER GOVT	- / 17.846	- / 15.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.846	
<i>Subtotal: Support</i>	- / 40.599	2 / 14.598	- / -	- / 16.438	- / -	- / 16.438	2 / 39.957	1 / 4.668	3 / 14.361	- / -	- / -	8 / 120.621	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>114.004</b>	<b>51.030</b>	<b>0.000</b>	<b>45.450</b>	<b>0.000</b>	<b>45.450</b>	<b>86.837</b>	<b>46.056</b>	<b>56.991</b>	<b>44.166</b>	<b>0.000</b>	<b>444.534</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications			<b>Modification Number / Title:</b> 8642 / (AbMN) Airborne Mission Networking	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> AbMNGroup B							
<b>Manufacturer Information</b>							
Manufacturer Name: Sierra Nevada Corporation				Manufacturer Location: Centennial, CO			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 24			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	May 2023		Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates	May 2025		Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 49		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8658 / Paratroop Door

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	26.883	13.972	1.358	18.300	0.000	18.300	0.000	0.000	0.000	0.000	0.000	60.513
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	26.883	13.972	1.358	18.300	0.000	18.300	0.000	0.000	0.000	0.000	0.000	60.513
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>26.883</b>	<b>13.972</b>	<b>1.358</b>	<b>18.300</b>	<b>0.000</b>	<b>18.300</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>60.513</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

HC-130J Paratroop Door upgrade provides a combined improved visual scanning, armor, and a spring-loaded counterbalance system that alleviates damage to paratroop doors, facilitates operation, and egress with armor installed.

Program funding supports the procurement and installation for 39 aircraft. This funding includes but is not limited to purchasing kits, associated training, support requirements, spares, deployment packages, Diminishing Manufacturing Source (DMS), Government Furnished Equipment, Pub/Tech Data, obsolescence solutions, Interim Contractor Support, Data and other government costs required to field the capability.

FY25 request completes the program.

Milestone/Development Status

Development Complete. 11 Paratroop Door Kits completed installation in prior years.

<b>Secondary Distribution</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.972	1.358	18.300	-	18.300	-	-	-	-
<b>Total:</b> <b>Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>13.972</b>	<b>1.358</b>	<b>18.300</b>	<b>0.000</b>	<b>18.300</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications						<b>Modification Number / Title:</b> 8658 / Paratroop Door		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> HC-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0207224F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 2: Paratroop Door - DFT</i>												
B Kits												
Recurring												
Paratroop Door - DFT:EQUIPMENT Group B (Active)	8 / 11.741	7 / 12.700	- / -	7 / 11.500	- / -	7 / 11.500	- / -	- / -	- / -	- / -	- / -	22 / 35.941
<i>Subtotal: Recurring</i>	- / 11.741	- / 12.700	- / -	- / 11.500	- / -	- / 11.500	- / -	- / -	- / -	- / -	- / -	- / 35.941
<i>Subtotal: Paratroop Door - DFT</i>	- / 11.741	- / 12.700	- / -	- / 11.500	- / -	- / 11.500	- / -	- / -	- / -	- / -	- / -	- / 35.941
<i>Modification Item 2 of 2: Paratroop Kits</i>												
B Kits												
Recurring												
Paratroop Kits:EQUIPMENT Group B (Active)	11 / 15.142	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 15.142
<i>Subtotal: Recurring</i>	- / 15.142	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.142
<i>Subtotal: Paratroop Kits</i>	- / 15.142	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.142
<i>Subtotal: Procurement, All Modification Items</i>	- / 26.883	- / 12.700	- / -	- / 11.500	- / -	- / 11.500	- / -	- / -	- / -	- / -	- / -	- / 51.083
<b>Support (All Modification Items)</b>												
SUPPORT-EQUIP	- / -	- / 0.392	- / 0.311	- / 0.147	- / -	- / 0.147	- / -	- / -	- / -	- / -	- / -	- / 0.850
Data	- / -	- / 0.300	- / 0.041	- / 0.255	- / -	- / 0.255	- / -	- / -	- / -	- / -	- / -	- / 0.596
PSC - Other Gov't Costs	- / -	- / 0.001	- / 0.490	- / 1.350	- / -	- / 1.350	- / -	- / -	- / -	- / -	- / -	- / 1.841
ICS-Labor	- / -	- / 0.001	- / 0.001	- / 1.567	- / -	- / 1.567	- / -	- / -	- / -	- / -	- / -	- / 1.569
OTHER GOVT	- / -	- / 0.001	- / 0.501	- / 1.650	- / -	- / 1.650	- / -	- / -	- / -	- / -	- / -	- / 2.152
ICS-Material	- / -	- / 0.001	- / 0.014	- / 1.241	- / -	- / 1.241	- / -	- / -	- / -	- / -	- / -	- / 1.256
<i>Subtotal: Support</i>	- / -	- / 0.696	- / 1.358	- / 6.210	- / -	- / 6.210	- / -	- / -	- / -	- / -	- / -	- / 8.264
<b>Installation</b>												
<i>Modification Item 1 of 2: Paratroop Door - DFT</i>	8 / 0.000	7 / 0.576	- / -	7 / 0.590	- / -	7 / 0.590	- / -	- / -	- / -	- / -	- / -	22 / 1.166
<i>Subtotal: Installation</i>	8 / -	7 / 0.576	- / -	7 / 0.590	- / -	7 / 0.590	- / -	- / -	- / -	- / -	- / -	22 / 1.166
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>26.883</b>	<b>13.972</b>	<b>1.358</b>	<b>18.300</b>	<b>0.000</b>	<b>18.300</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>60.513</b>

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8658 / Paratroop Door
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 2:** Paratroop Door - DFT

**Manufacturer Information**

Manufacturer Name: Airdyne Aerospace	Manufacturer Location: Brooksville, FL
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	May 2023		Mar 2025				
Delivery Dates	Aug 2023		Jun 2025				

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	8 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.000
FY 2023	- / -	7 / 0.576	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.576
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	7 / 0.590	- / -	7 / 0.590	- / -	- / -	- / -	- / -	- / -	7 / 0.590
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	8 / 0.000	7 / 0.576	- / -	7 / 0.590	- / -	7 / 0.590	- / -	- / -	- / -	- / -	- / -	22 / 1.166

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	8	-	-	4	3	-	-	-	-	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	22
Out	8	-	-	-	4	3	-	-	-	-	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	22

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications			<b>Modification Number / Title:</b> 8658 / Paratroop Door	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> Paratroop Kits							
<b>Manufacturer Information</b>							
Manufacturer Name: Airdyne Aerospace				Manufacturer Location: Brooksville, FL			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 11		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8737 / HC-Communications Modernization Phase I

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	18.733	0.000	18.733	64.100	62.430	1.314	15.482	0.000	162.059
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	0.000	0.000	0.000	18.733	0.000	18.733	64.100	62.430	1.314	15.482	0.000	162.059
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>18.733</b>	<b>0.000</b>	<b>18.733</b>	<b>64.100</b>	<b>62.430</b>	<b>1.314</b>	<b>15.482</b>	<b>0.000</b>	<b>162.059</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 8737, HC-Communications Modernization Phase I, is a new start. The HC-130J Communications Modernization Program is the vehicle that will allow the HC-130J to meet the SecAF Crypto Mandate requirements. The USAF initiated the Communications Modernization program to comply with Mobile User Objective System (MUOS) and VINSON/ANDVT Cryptographic Modernization (VACM) mandates and deliver those capabilities on the HC-130J aircraft. Funding includes, but is not limited to, upgrading satellite (SATCOM) radios and cryptographic devices associated Group A provisions, spares, and associated training units for the HC-130J fleets. This funding request also includes, but is not limited to, supporting any safety of flight issues identified during modification, training requirements, and associated publications to include, if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes, but is not limited to, purchase of Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Data, Crypto Updates and Program costs needed to field the capability. Related milestone dates and installation schedule dates are for installation on aircraft.

Per direction from SAF/AQ, HC/MC has been directed to follow the Re-engineered Supply Support Program (RSSP) policy direction dated 11 Feb 2000, to procure initial spares with program funding.

Communications Modernization Program will be implemented into 2 acquisition phases: Phase 1 MUOS and VACM capabilities and Phase II SATURN, UHF and VHF capabilities. Actual Active/Reserve/Guard breakdown will be adjusted, and installs will occur as aircraft become available.

**Milestone/Development Status**

Development began in FY 2020. The program has entered Milestone B.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	-	18.733	-	18.733	64.100	62.430	1.314	15.482
<b>Total:</b>									
<b>Secondary Distribution</b>									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	<b>0.000</b>	<b>0.000</b>	<b>18.733</b>	<b>0.000</b>	<b>18.733</b>	<b>64.100</b>	<b>62.430</b>	<b>1.314</b>	<b>15.482</b>

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications							<b>Modification Number / Title:</b> 8737 / HC-Communications Modernization Phase I		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HC-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: COMMS Mod Phase 1</i>													
A Kits													
Recurring													
COMMS Mod Phase 1:INSTALL KITS Group A (Active)	- / -	- / -	- / -	35 / 5.660	- / -	35 / 5.660	3 / 0.600	- / -	- / -	- / -	- / -	38 / 6.260	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 5.660	- / -	- / 5.660	- / 0.600	- / -	- / -	- / -	- / -	- / 6.260	
B Kits													
Recurring													
COMMS Mod Phase 1:EQUIPMENT Group B (Active)	- / -	- / -	- / -	35 / 12.800	- / -	35 / 12.800	3 / 1.209	- / -	- / -	- / -	- / -	38 / 14.009	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 12.800	- / -	- / 12.800	- / 1.209	- / -	- / -	- / -	- / -	- / 14.009	
<i>Subtotal: COMMS Mod Phase 1</i>	- / -	- / -	- / -	- / 18.460	- / -	- / 18.460	- / 1.809	- / -	- / -	- / -	- / -	- / 20.269	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 18.460	- / -	- / 18.460	- / 1.809	- / -	- / -	- / -	- / -	- / 20.269	
<b>Support (All Modification Items)</b>													
SIM/TRAINER	- / -	- / -	- / -	- / 0.076	- / -	- / 0.076	- / 12.848	- / 5.000	- / 0.001	- / 0.001	- / -	- / 17.926	
ICS-Material	- / -	- / -	- / -	- / 0.095	- / -	- / 0.095	- / 0.631	- / 0.742	- / 0.001	- / 0.002	- / -	- / 1.471	
Mod of Spares	- / -	- / -	- / -	- / 0.010	- / -	- / 0.010	2 / 2.375	3 / 3.800	- / 0.002	- / 0.003	- / -	5 / 6.190	
OTHER GOVT	- / -	- / -	- / -	- / 0.001	- / -	- / 0.001	- / 33.192	- / 18.053	- / 0.003	- / 15.470	- / -	- / 66.719	
SUPPORT-EQUIP	- / -	- / -	- / -	- / 0.002	- / -	- / 0.002	- / 5.841	- / 0.941	- / 0.001	- / 0.001	- / -	- / 6.786	
Type 1 Training	- / -	- / -	- / -	- / 0.001	- / -	- / 0.001	- / 0.623	- / 0.752	- / 0.001	- / 0.001	- / -	- / 1.378	
Change Orders	- / -	- / -	- / -	- / 0.062	- / -	- / 0.062	- / 1.572	- / 1.584	- / 0.001	- / 0.001	- / -	- / 3.220	
PSC - Other Gov't Costs	- / -	- / -	- / -	- / 0.026	- / -	- / 0.026	- / 15.209	- / 5.308	- / 0.003	- / 0.003	- / -	- / 10.549	
<i>Subtotal: Support</i>	- / -	- / -	- / -	- / 0.273	- / -	- / 0.273	2 / 62.291	3 / 36.180	- / 0.013	- / 15.482	- / -	5 / 114.239	
<b>Installation</b>													
<i>Modification Item 1 of 1: COMMS Mod Phase 1</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 26.250	3 / 1.301	- / -	- / -	38 / 27.551	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>18.733</b>	<b>0.000</b>	<b>18.733</b>	<b>64.100</b>	<b>62.430</b>	<b>1.314</b>	<b>15.482</b>	<b>0.000</b>	<b>162.059</b>	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8737 / HC-Communications Modernization Phase I

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** COMMS Mod Phase 1

**Manufacturer Information**

Manufacturer Name: Lockheed Martin	Manufacturer Location: Marietta
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Apr 2025	Apr 2026			
Delivery Dates			Oct 2026	Oct 2027			

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 26.250	- / -	- / -	- / -	35 / 26.250
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.301	- / -	- / -	3 / 1.301
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 26.250	3 / 1.301	- / -	- / -	38 / 27.551

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	8	3	-	-	-	-	-	-	-	0	38
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	8	3	-	-	-	-	-	-	0	38

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8761 / MC/AC-Communications Modernization Phase I

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	7.182	23.345	26.191	0.000	26.191	48.941	77.284	42.882	56.351	0.000	282.176
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	7.182	23.345	26.191	0.000	26.191	48.941	77.284	42.882	56.351	0.000	282.176
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>7.182</b>	<b>23.345</b>	<b>26.191</b>	<b>0.000</b>	<b>26.191</b>	<b>48.941</b>	<b>77.284</b>	<b>42.882</b>	<b>56.351</b>	<b>0.000</b>	<b>282.176</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The MC-130J Communications Modernization Program is the vehicle that will allow the MC-130J to meet the SecAF Crypto Mandate requirements.

In FY 2022, the MC/AC Communications Modernization Phase I Program (Comms Mod) was previously called the Mobile User Objective System (MUOS).

The USAF initiated the Communications Modernization program to comply with Mobile User Objective System (MUOS) and VINSON/ANDVT Cryptographic Modernization (VACM) mandates. Funding includes but is not limited to upgrading satellite (SATCOM) radios and cryptographic devices associated Group A provisions, spares, and associated training units for the MC-130J fleets. This funding request also includes but is not limited to supporting any safety of flight issues identified during modification, training requirements, and associated publications to include, if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes but is not limited to purchase of Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Data, Crypto Updates and Program costs needed to field the capability. Related milestone dates and installation schedule dates are for installation on aircraft.

Kit quantities purchased per year will be determined by available funding and will be buy to budget.

Per direction from SAF/AQ, HC/MC has been directed to follow the Re-engineered Supply Support Program (RSSP) policy direction dated 11 Feb 2000, to procure initial spares with program funding.

Communications Modernization Program will be implemented into 2 acquisition phases: Phase 1 MUOS and VACM capabilities and Phase II SATURN, UHF and VHF capabilities.

**Milestone/Development Status**

Development began in FY 2020. The program has entered Milestone B.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	7.182	23.345	26.191	-	26.191	48.941	77.284	42.882	56.351
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8761 / MC/AC-Communications Modernization Phase I

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	7.182	23.345	26.191	0.000	26.191	48.941	77.284	42.882	56.351

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications					<b>Modification Number / Title:</b> 8761 / MC/AC-Communications Modernization Phase I			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MCAC-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Comm Mod</i>													
A Kits													
Recurring													
Comm Mod:INSTALL KITS Group A (Active)	- / -	12 / 1.944	48 / 5.821	32 / 4.200	- / -	32 / 4.200	- / -	- / -	- / -	- / -	- / -	92 / 11.965	
<i>Subtotal: Recurring</i>	- / -	- / 1.944	- / 5.821	- / 4.200	- / -	- / 4.200	- / -	- / -	- / -	- / -	- / -	- / 11.965	
B Kits													
Recurring													
Comm Mod:EQUIPMENT Group B (Active)	- / -	12 / 4.836	48 / 14.507	32 / 10.700	- / -	32 / 10.700	- / -	- / -	- / -	- / -	- / -	92 / 30.043	
<i>Subtotal: Recurring</i>	- / -	- / 4.836	- / 14.507	- / 10.700	- / -	- / 10.700	- / -	- / -	- / -	- / -	- / -	- / 30.043	
<i>Subtotal: Comm Mod</i>	- / -	- / 6.780	- / 20.328	- / 14.900	- / -	- / 14.900	- / -	- / -	- / -	- / -	- / -	- / 42.008	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 6.780	- / 20.328	- / 14.900	- / -	- / 14.900	- / -	- / -	- / -	- / -	- / -	- / 42.008	
<b>Support (All Modification Items)</b>													
Change Orders	- / -	- / 0.001	- / 0.210	- / 0.600	- / -	- / 0.600	- / 0.250	- / 0.700	- / -	- / -	- / -	- / 1.761	
SUPPORT-EQUIP	- / -	- / 0.054	- / 0.100	- / 1.500	- / -	- / 1.500	- / 0.328	- / 1.030	- / -	- / -	- / -	- / 3.012	
OTHER GOVT	- / -	- / 0.001	- / 0.078	- / 2.321	- / -	- / 2.321	- / 0.353	- / 144.847	- / 42.882	- / 56.351	- / -	- / 146.833	
SIM/TRAINER	- / -	- / 0.001	- / 0.125	- / 0.720	- / -	- / 0.720	- / 0.120	- / 0.658	- / -	- / -	- / -	- / 1.624	
PSC - Contractor Services	- / -	- / 0.150	- / 0.375	- / 0.500	- / -	- / 0.500	- / 0.070	- / 0.009	- / -	- / -	- / -	- / 1.104	
Mod of Spares	- / -	1 / 0.193	1 / 1.979	1 / 2.100	- / -	1 / 2.100	1 / 0.200	1 / 1.200	- / -	- / -	- / -	5 / 5.672	
Type 1 Training	- / -	- / 0.001	- / 0.090	- / 0.450	- / -	- / 0.450	- / 0.125	- / 2.500	- / -	- / -	- / -	- / 3.166	
ICS-Material	- / -	- / 0.001	- / 0.060	- / 3.100	- / -	- / 3.100	- / 2.500	- / 2.340	- / -	- / -	- / -	- / 8.001	
<i>Subtotal: Support</i>	- / -	1 / 0.402	1 / 3.017	1 / 11.291	- / -	1 / 11.291	1 / 3.946	1 / 53.284	- / 42.882	- / 56.351	- / -	5 / 171.173	
<b>Installation</b>													
<i>Modification Item 1 of 1: Comm Mod</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	60 / 44.995	32 / 24.000	- / -	- / -	- / -	92 / 68.995	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>7.182</b>	<b>23.345</b>	<b>26.191</b>	<b>0.000</b>	<b>26.191</b>	<b>48.941</b>	<b>77.284</b>	<b>42.882</b>	<b>56.351</b>	<b>0.000</b>	<b>282.176</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8761 / MC/AC-Communications Modernization Phase I

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 1:** Comm Mod

**Manufacturer Information**

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 18

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2023	Jun 2024	Jun 2025				
Delivery Dates	Dec 2024	Dec 2025	Dec 2026				

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	12 / 8.999	- / -	- / -	- / -	- / -	12 / 8.999
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	48 / 35.996	- / -	- / -	- / -	- / -	48 / 35.996
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 24.000	- / -	- / -	- / -	32 / 24.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	60 / 44.995	32 / 24.000	- / -	- / -	- / -	92 / 68.995

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	8	8	8	8	-	-	-	-	-	-	-	-	0	92
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	8	8	8	8	-	-	-	-	-	-	-	0	92

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8764 / MC-Trainer Modifications

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	83.617	0.000	19.874	14.642	0.000	14.642	11.082	30.788	30.171	26.620	0.000	216.794
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	83.617	0.000	19.874	14.642	0.000	14.642	11.082	30.788	30.171	26.620	0.000	216.794
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>83.617</b>	<b>0.000</b>	<b>19.874</b>	<b>14.642</b>	<b>0.000</b>	<b>14.642</b>	<b>11.082</b>	<b>30.788</b>	<b>30.171</b>	<b>26.620</b>	<b>0.000</b>	<b>216.794</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort updates the existing AC/MC-130J training/simulation systems to include modifications made to the aircraft to keep the trainer configuration in sync with the aircraft. This allows comprehensive training for aircrews and maintenance crews.

This includes, but is not limited to Live Virtual Construct (LVC) and MC Concurrency Modifications. LVC allows trainers to interact not only with other trainers but with real aircraft performing missions. MC Concurrency Modifications will update MC training/simulation systems, include but are not limited to, Continuous Improvement Program (CIP), Option X, Large Aircraft Infra-Red Countermeasures (LAIRCM), and Automatic Dependent Surveillance-Broadcast Out (ADS-B out) capabilities. CIP, Option X, LAIRCM and ADS-B out comprise the "COLA" capabilities modification for trainers. CIP and future AC/MC modifications to ensure concurrency between training device and aircraft capabilities. Includes Virtual Reality (VR) and Augmented Reality (AR).

This funding will support potentially Diminishing Manufacturing Sources (DMS) and obsolescence solutions to include, if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes, but is not limited to purchase of Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Data, and Program costs needed to field the capability.

This Modification also includes the upgrade/re-purpose of the AC-130W Weapon System Trainer (WST) to an MC-130J configuration.

Training systems to be modified include, but not limited to flight simulators and fuselage trainers to enable simultaneous full aircrew training.

Kit cost vary based upon the configuration of the specific trainer being upgraded. Installation cost are not separately priced for the trainer upgrades; this cost is captured within the kit line.

**Milestone/Development Status**

Complete

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.000	19.874	14.642	-	14.642	11.082	30.788	30.171	26.620
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8764 / MC-Trainer Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	0.000	19.874	14.642	0.000	14.642	11.082	30.788	30.171	26.620

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications						<b>Modification Number / Title:</b> 8764 / MC-Trainer Modifications			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MC-130J				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: LVC</i>													
B Kits													
Recurring													
LVC:EQUIPMENT Group B (Active)	2 / 35.917	- / -	1 / 19.864	1 / 14.632	- / -	1 / 14.632	1 / 11.072	1 / 30.778	1 / 30.161	1 / 26.610	- / -	8 / 169.034	
<i>Subtotal: Recurring</i>	- / 35.917	- / -	- / 19.864	- / 14.632	- / -	- / 14.632	- / 11.072	- / 30.778	- / 30.161	- / 26.610	- / -	- / 169.034	
<i>Subtotal: LVC</i>	- / 35.917	- / -	- / 19.864	- / 14.632	- / -	- / 14.632	- / 11.072	- / 30.778	- / 30.161	- / 26.610	- / -	- / 169.034	
<i>Modification Item 2 of 2: Trainer - COLA</i>													
B Kits													
Recurring													
Trainer - COLA:EQUIPMENT Group B (Active)	12 / 47.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 47.700	
<i>Subtotal: Recurring</i>	- / 47.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 47.700	
<i>Subtotal: Trainer - COLA</i>	- / 47.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 47.700	
<i>Subtotal: Procurement, All Modification Items</i>	- / 83.617	- / -	- / 19.864	- / 14.632	- / -	- / 14.632	- / 11.072	- / 30.778	- / 30.161	- / 26.610	- / -	- / 216.734	
<b>Support (All Modification Items)</b>													
PSC - Contractor Services	- / -	- / -	- / 0.005	- / 0.006	- / -	- / 0.006	- / 0.005	- / 0.004	- / 0.005	- / 0.005	- / -	- / 0.030	
Mod of Spares	- / -	- / -	- / 0.005	- / 0.004	- / -	- / 0.004	- / 0.005	- / 0.006	- / 0.005	- / 0.005	- / -	- / 0.030	
<i>Subtotal: Support</i>	- / -	- / -	- / 0.010	- / 0.010	- / -	- / 0.010	- / 0.010	- / 0.010	- / 0.010	- / 0.010	- / -	- / 0.060	
<b>Installation</b>													
<i>Modification Item 1 of 2: LVC</i>													
<i>Modification Item 2 of 2: Trainer - COLA</i>	- / -	3 / 0.000	8 / 0.000	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.000	
<i>Subtotal: Installation</i>	- / -	3 / 0.000	8 / 0.000	3 / 0.000	- / -	3 / 0.000	1 / 0.000	1 / 0.000	1 / 0.000	1 / 0.000	2 / 0.000	20 / 0.000	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>83.617</b>	<b>0.000</b>	<b>19.874</b>	<b>14.642</b>	<b>0.000</b>	<b>14.642</b>	<b>11.082</b>	<b>30.788</b>	<b>30.171</b>	<b>26.620</b>	<b>0.000</b>	<b>216.794</b>	



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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8764 / MC-Trainer Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 2:** LVC

**Manufacturer Information**

Manufacturer Name: Lockheed Martin RMS	Manufacturer Location: Orlando, FL
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 22

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Mar 2024	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates		Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	2 / 0.000	- / -	2 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / 0.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	- / -	- / -	- / -	- / -	1 / 0.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	- / -	- / -	- / -	1 / 0.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	- / -	- / -	1 / 0.000
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	- / -	1 / 0.000
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	1 / 0.000
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	1 / 0.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	2 / 0.000	- / -	2 / 0.000	1 / 0.000	1 / 0.000	1 / 0.000	1 / 0.000	2 / 0.000	8 / 0.000

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	2	8
Out	0	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	2	8

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8764 / MC-Trainer Modifications
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 2 of 2:** Trainer - COLA

**Manufacturer Information**

Manufacturer Name: Lockheed Martin RMS Manufacturer Location: Orlando, FL

Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 4

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	3 / 0.000	8 / 0.000	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.000
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	3 / 0.000	8 / 0.000	1 / 0.000	- / -	1 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.000

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	1	2	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	12	
Out	0	-	-	-	-	1	2	2	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	12	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8767 / HC-Star XIII

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	5.436	39.357	0.000	39.357	53.524	0.099	1.480	18.000	0.000	117.896
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	5.436	39.357	0.000	39.357	53.524	0.099	1.480	18.000	0.000	117.896
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>5.436</b>	<b>39.357</b>	<b>0.000</b>	<b>39.357</b>	<b>53.524</b>	<b>0.099</b>	<b>1.480</b>	<b>18.000</b>	<b>0.000</b>	<b>117.896</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

STAR XIII funding will support the incremental production and installation of Group B kits for the HC-130J fleet. Production costs will encompass STAR XIII mission computer and software kit buys and installation, and the production and fielding of technical manual/order updates, training materials updates, and spares. Since the STAR XIII mission computer is programmed as a form/fit/function replacement to its STAR IX predecessor, Group A requirements are not anticipated. Installation will occur via blue-suit personnel.

The HC-130J production costs will mitigate projected HC-130J Mission Incapable Awaiting Parts (MICAP) issues beginning in 2QFY27. Based on Government and Contractor supply analysis, the STAR IX mission computer will be in a Diminishing Manufacturing Source (DMS) state for production, and serviceable spares will have been exhausted. The current HC-130J aircraft configuration employs two (2) STAR IX mission computers to be fully mission capable. If one of the STAR IX mission computers is MICAP and a replacement is not available, the aircraft is grounded for the duration of the STAR IX repair/return cycle. Since the mission computers are not interoperable, STAR IX and XIII variants cannot be mixed to return an aircraft to a fully mission capable status.

Since the HC-130J have multiple mission computer software baselines that will continue to evolve through multiple modification programs, incremental kit buys and installations will be required to support STAR XIII mission computer interoperability and avoid MICAPs.

This funding will support potentially DMS and obsolescence solutions to include, if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes, but is not limited to purchase of hardware/software kits, install support, Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Data, and Program costs needed to field the capability.

Per direction from SAF/AQ, HC has been directed to follow the re-engineered Supply Support Program (RSSP) policy direction dated 11 Feb 2000, to procure initial spares with program funding.

Milestone/Development Status

N/A

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	
AF	Quantity	-	-	-	-	-	-	-	-	
	Total Obligation Authority	-	5.436	39.357	-	39.357	53.524	0.099	1.480	18.000
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8767 / HC-Star XIII
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Total Obligation Authority	-	5.436	39.357	0.000	39.357	53.524	0.099	1.480	18.000

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications						<b>Modification Number / Title:</b> 8767 / HC-Star XIII			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HC-130J				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> Star XIII-Mission Computers													
B Kits													
Recurring													
Star XIII-Mission Computers:EQUIPMENT Group B (Active)	- / -	- / -	1 / 3.750	13 / 37.062	- / -	13 / 37.062	18 / 50.884	- / -	1 / 1.387	5 / 17.994	- / -	38 / 111.077	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 3.750	- / 37.062	- / -	- / 37.062	- / 50.884	- / -	- / 1.387	- / 17.994	- / -	- / 111.077	
<i>Subtotal: Star XIII-Mission Computers</i>	- / -	- / -	- / 3.750	- / 37.062	- / -	- / 37.062	- / 50.884	- / -	- / 1.387	- / 17.994	- / -	- / 111.077	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / 3.750	- / 37.062	- / -	- / 37.062	- / 50.884	- / -	- / 1.387	- / 17.994	- / -	- / 111.077	
<b>Support (All Modification Items)</b>													
Type 1 Training	- / -	- / -	- / 0.010	- / 0.019	- / -	- / 0.019	- / 0.059	- / 0.020	- / 0.021	- / 0.001	- / -	- / 0.130	
ICS-Material	- / -	- / -	- / 0.011	- / 0.019	- / -	- / 0.019	- / 0.025	- / 0.020	- / 0.010	- / 0.001	- / -	- / 0.086	
OTHER GOVT	- / -	- / -	- / 1.606	- / 0.111	- / -	- / 0.111	- / 0.252	- / 0.014	- / 0.010	- / 0.001	- / -	- / 1.994	
PSC - Other Gov't Costs	- / -	- / -	- / 0.039	- / 0.131	- / -	- / 0.131	- / 0.340	- / 0.015	- / 0.030	- / 0.001	- / -	- / 0.556	
Data	- / -	- / -	- / 0.010	- / 0.009	- / -	- / 0.009	- / 0.025	- / 0.010	- / 0.002	- / 0.001	- / -	- / 0.057	
Mod of Spares	- / -	- / -	- / 0.010	2 / 2.006	- / -	2 / 2.006	2 / 1.939	- / 0.020	- / 0.020	- / 0.001	- / -	4 / 3.996	
<i>Subtotal: Support</i>	- / -	- / -	- / 1.686	2 / 2.295	- / -	2 / 2.295	2 / 2.640	- / 0.099	- / 0.093	- / 0.006	- / -	4 / 6.819	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	5.436	39.357	0.000	39.357	53.524	0.099	1.480	18.000	0.000	117.896	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications			<b>Modification Number / Title:</b> 8767 / HC-Star XIII	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> Star XIII-Mission Computers							
<b>Manufacturer Information</b>							
Manufacturer Name: Lockheed				Manufacturer Location: Various			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 18			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jun 2024	Jan 2025	Jan 2026		Jan 2028	Jan 2029
Delivery Dates		Dec 2025	Jul 2026	Jul 2027		Jul 2029	Jul 2030
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 38	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications	<b>Modification Number / Title:</b> 8768 / HC-EO/IR Sensor Modification

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	16.223	19.405	0.000	19.405	53.758	0.000	-	-	-	89.386
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	16.223	19.405	0.000	19.405	53.758	0.000	-	-	-	89.386
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>16.223</b>	<b>19.405</b>	<b>0.000</b>	<b>19.405</b>	<b>53.758</b>	<b>0.000</b>	-	-	-	<b>89.386</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort will use the hardware solutions developed under the current Multi-Spectral Targeting System-A (MTS-A) (AN/AAS-54) sustaining engineering contract to replace the system's obsolete parts. The replacement of the MTS-A's obsolete parts will address its near/medium term DMSMS issues and extend its service life by at least another 5-8 years.

This funding will support potentially Diminishing Manufacturing Sources (DMS) and obsolescence solutions, to include if optimal, lifetime buys or bridge buys limited to the program of record quantity. Program funding includes, but is not limited to purchase of Government Furnished Equipment, Trainers, Pub/Tech Data, Interim Contractor Support, Data, and program costs needed to field the capability.

System upgrade labor will be contractor and the systems will be removed and replaced by AF maintenance personnel at the unit.

Milestone/Development Status

N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	16.223	19.405	-	19.405	53.758	-	-	-
<b>Total:</b> Secondary Distribution	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	-	<b>16.223</b>	<b>19.405</b>	<b>0.000</b>	<b>19.405</b>	<b>53.758</b>	<b>0.000</b>	-	-

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications						<b>Modification Number / Title:</b> 8768 / HC-EO/IR Sensor Modification			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> HC-130J				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> EO/IR Upgrade													
B Kits													
Recurring													
EO/IR Upgrade:EQUIPMENT Group B (Active)	- / -	- / -	11 / 9.439	15 / 11.980	- / -	15 / 11.980	13 / 10.288	- / -	- / -	- / -	- / -	39 / 31.707	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 9.439	- / 11.980	- / -	- / 11.980	- / 10.288	- / -	- / -	- / -	- / -	- / 31.707	
<i>Subtotal: EO/IR Upgrade</i>	- / -	- / -	- / 9.439	- / 11.980	- / -	- / 11.980	- / 10.288	- / -	- / -	- / -	- / -	- / 31.707	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / 9.439	- / 11.980	- / -	- / 11.980	- / 10.288	- / -	- / -	- / -	- / -	- / 31.707	
<b>Support (All Modification Items)</b>													
ICS-Labor	- / -	- / -	- / 0.227	- / 0.200	- / -	- / 0.200	- / 0.200	- / -	- / -	- / -	- / -	- / 0.627	
Mod of Spares	- / -	- / -	6 / 4.771	10 / 7.110	- / -	10 / 7.110	9 / 6.399	- / -	- / -	- / -	- / -	25 / 18.280	
OTHER GOVT	- / -	- / -	- / 1.786	- / 0.115	- / -	- / 0.115	- / 36.871	- / -	- / -	- / -	- / -	- / 38.772	
<i>Subtotal: Support</i>	- / -	- / -	6 / 6.784	10 / 7.425	- / -	10 / 7.425	9 / 43.470	- / -	- / -	- / -	- / -	25 / 57.679	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	16.223	19.405	0.000	19.405	53.758	0.000	-	-	-	89.386	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> HCMC00 / HC/MC-130 Modifications			<b>Modification Number / Title:</b> 8768 / HC-EO/IR Sensor Modification	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> EO/IR Upgrade							
<b>Manufacturer Information</b>							
Manufacturer Name: Raytheon				Manufacturer Location: FL			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 36			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jun 2024	Apr 2025	Apr 2026			
Delivery Dates		Jun 2027	Apr 2028	Apr 2029			
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 39		

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101233F, 0207228F, 0207448F, 0207701F, 0401897F	<b>Other Related Program Elements:</b> 0207228F, 0207249F, 0207701F, 0401897F, 0605238F
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**Line Item MDAP/MAIS Code:** 493

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	689.766	43.086	54.134	55.122	-	55.122	246.672	77.120	61.842	59.710	0.000	1,287.452
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	-	0.000	0.000	5.216	0.000	0.000	-	5.216
Net Procurement (P-1) ( <i>\$ in Millions</i> )	689.766	43.086	54.134	55.122	-	55.122	246.672	71.904	61.842	59.710	0.000	1,282.236
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	5.216	-	5.216	0.000	0.000	0.000	0.000	-	5.216
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>689.766</b>	<b>43.086</b>	<b>54.134</b>	<b>60.338</b>	<b>-</b>	<b>60.338</b>	<b>246.672</b>	<b>71.904</b>	<b>61.842</b>	<b>59.710</b>	<b>0.000</b>	<b>1,287.452</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	0.111	0.113	-	-	-	-	-	-	-	-	0.224
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds multiple modifications that apply to weapon systems funded at less than 2 million per year as well as weapon systems with much greater budgets. The overall goal of the modifications budgeted is to enhance capability and improve reliability and maintainability.

Mobility Air Forces (MAF) Training supports the modification and enhancement of high fidelity MAF aircrew training and support systems to meet combat readiness needs, to include efforts to ensure full employment of Distributed Mission Operations (DMO) capabilities.

Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability which are imperative in supporting Long Range Kill Chain in support of Operational Imperative 3, as well as target identification, reduction in collateral damage, and fratricide prevention for F-15E, F-16, A-10, B-1B, and B-52. ATP capabilities, such as high resolution imagery, larger aperture, eye safe laser, high system reliability and smaller deployment footprint provide greater combat effectiveness across several mission areas. Each targeting pod provides long-range target acquisition and expanded weapon delivery envelopes during day, night, and all-weather conditions. Targeting pods are equipped with infrared (IR) sensor, laser designator, digital video, and real-time video data link for connectivity with ground forces.

LGM-35A Sentinel Secondary Launch Platform-Airborne (SLP-A) will provide an air-based, secondary launch system design configurable to command either a Minuteman III (MMIII) or Sentinel weapon system in order to maintain U.S. strategic nuclear deterrence. The LGM-35A Sentinel Capability Development Document required Sentinel provide a dual-capable SLP-A design which provides flexibility as a direct replacement for the MM III Airborne Launch Control System to mitigate USSTRATCOM operational risk associated with age out of classified hardware components. Program schedule events are under review due to acquisition strategy revisions. The event schedule and quantity updates will be provided once the revisions are completed.

TDL Communications Capabilities: No FY2025 funding requested.

BACN: No FY2025 funding requested.

Funding for this exhibit contained in PE 0207238F, 0207434F, 0207448F, 0207228F, 0207224F, 0207249F, 0303601F, 0401897F, 0101233F.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101233F, 0207228F, 0207448F, 0207701F, 0401897F	<b>Other Related Program Elements:</b> 0207228F, 0207249F, 0207701F, 0401897F, 0605238F

**Line Item MDAP/MAIS Code:** 493

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense mission, domestic emergency responses, and providing military support to civilian authorities.

Funding may also be used to address Diminishing Manufacturing Sources (DMS) issues, obsolescence resolution and similar emerging requirements.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
OTHACF / Other Aircraft

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101233F, 0207228F, 0207448F, 0207701F, 0401897F **Other Related Program Elements:** 0207228F, 0207249F, 0207701F, 0401897F, 0605238F

**Line Item MDAP/MAIS Code:** 493

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Other Aircraft		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000
P-40a	Other Aircraft				- / 675.319	- / 32.320	- / 3.634	- / 0.278	- / 0.000	- / 0.278
P-3a	8676 / ATP-TI Increment 1 (Other)		A		- / 0.000	- / 10.766	- / 50.500	- / 54.844	- / 0.000	- / 54.844
P-3a	8737 / LGM-35A Sentinel (Capability Improvement)		B		- / -	- / -	- / -	- / 0.000	- / 0.000	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 689.766</b>	<b>- / 43.086</b>	<b>- / 54.134</b>	<b>- / 55.122</b>	<b>- / -</b>	<b>- / 55.122</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Other Aircraft		B		- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Other Aircraft				- / 0.280	- / 0.286	- / 0.291	- / 0.297	- / 0.000	- / 712.705
P-3a	8676 / ATP-TI Increment 1 (Other)		A		- / 236.633	- / 57.069	- / 58.256	- / 59.413	- / 0.000	- / 527.481
P-3a	8737 / LGM-35A Sentinel (Capability Improvement)		B		- / 9.759	- / 19.765	- / 3.295	- / 0.000	- / -	- / 32.819
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 246.672</b>	<b>- / 77.120</b>	<b>- / 61.842</b>	<b>- / 59.710</b>	<b>- / 0.000</b>	<b>- / 1,287.452</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
This program is a new start.  
This program, P-3A Mod 8737, LGM-35A Sentinel, is a new start.

FY25 funding will support:

Procurement of new communication capabilities & integration as well as other mods, components, and related provisioning supplies to include interim contract support. Procurement of communication equipment will be in support of Protected Tactical Waveform and Agile communication programs at a minimum. Funding will also support procurement of other communication capabilities, such as Link 16, and networking equipment with a focus on achieving an operationally-optimized Advanced Battle Management System and Joint All Domain Command and Control. Funding for this exhibit contained in PE 0207448F.

The modification and enhancement of high fidelity MAF aircrew training and support systems to meet combat readiness needs, to include efforts to ensure full employment of Distributed Mission Operations (DMO) capabilities.

GBSD/Sentinel - Advanced procurement of 6 SLP-A E-6B aircraft group-B kits in support of incremental Minuteman III capability. Group-B kits consist of classified, long-lead, line replaceable unit (LRU) components which include radios, transceivers, modems, high power amplifiers, computer components, and electronic parts, circuit cards.

FY25 efforts for this modification of Advanced Targeting Pods (ATPs) supports the procurement of various kits and kit upgrades as part of ATP-TI for both the LITENING and Sniper targeting pods to provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATP-TI Inc 1 is a continuation of ATP-MP (8674) and ATP-SE (8675).

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101233F, 0207228F, 0207448F, 0207701F, 0401897F	<b>Other Related Program Elements:</b> 0207228F, 0207249F, 0207701F, 0401897F, 0605238F
<b>Line Item MDAP/MAIS Code:</b> 493		
TDL Communications Capabilities: No FY2025 funding requested.		
BACN: No FY2025 funding requested.		

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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>Item Number / Title [DODIC]:</b> Other Aircraft
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	-	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	0.000	5.216	-	5.216
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>5.216</b>	<b>-</b>	<b>5.216</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - Other Aircraft Cost																		
Non Recurring Cost																		
LGM-35A Sentinel Secondary Launch Platform - Airborne (SLP-A)	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
<i>Subtotal: Hardware - Other Aircraft Cost</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
<b>Gross/Weapon System Cost</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	-	-	-	<b>0.000</b>

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** OTHACF / Other Aircraft **Aggregated Modification Items Title:** Other Aircraft

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8669 / Full Combat Mission Training			-	-	76.404	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8670 / MAF Training			-	-	50.388	-	-	12.416	-	-	0.099	-	-	0.108	-	-	-	-	-	0.108
8671 / Tactical Data Link Communications Capabilities			-	-	-	-	-	-	-	-	3.370	-	-	-	-	-	-	-	-	
8674 / ATP upgrade Legacy to SE			-	-	176.676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8675 / ATP-SE Technology Insertion			-	-	137.109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8733 / Battlefield ABN Comm Node (BACN)			-	-	76.417	-	-	18.675	-	-	0.000	-	-	-	-	-	-	-	-	
8736 / Counterdrug USSOUTHCOM Support			-	-	1.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99999J / MISCELLANEOUS LOW COSTS MODS (Combat Developments)			-	-	147.859	-	-	0.096	-	-	0.165	-	-	0.170	-	-	-	-	-	0.170
HH-60U / HH-60U			-	-	9.266	-	-	1.133	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	<b>675.319</b>	-	-	<b>32.320</b>	-	-	<b>3.634</b>	-	-	<b>0.278</b>	-	-	<b>0.000</b>	-	-	<b>0.278</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
8669 / Full Combat Mission Training			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76.404
8670 / MAF Training			-	-	0.109	-	-	0.111	-	-	0.113	-	-	0.115	-	-	-	-	-	63.459
8671 / Tactical Data Link Communications Capabilities			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.370
8674 / ATP upgrade Legacy to SE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	176.676
8675 / ATP-SE Technology Insertion			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137.109
8733 / Battlefield ABN Comm Node (BACN)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95.092
8736 / Counterdrug USSOUTHCOM Support			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.200
99999J / MISCELLANEOUS LOW COSTS MODS (Combat Developments)			-	-	0.171	-	-	0.175	-	-	0.178	-	-	0.182	-	-	-	-	-	148.996
HH-60U / HH-60U			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.399



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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>Aggregated Modification Items Title:</b> Other Aircraft
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Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Total</b>			-	-	0.280	-	-	0.286	-	-	0.291	-	-	0.297	-	-	0.000	-	-	712.705

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
8669 / Full Combat Mission Training	F-16	Capability Improvement
8670 / MAF Training	KC-135	Capability Improvement
8671 / Tactical Data Link Communications Capabilities	Y	Capability Improvement
8674 / ATP upgrade Legacy to SE	A-10, F-15C, F-15E, F-16, B-1, B-52	Other
8675 / ATP-SE Technology Insertion	A-10, F-15C, F-15E, F-16, B-1, B-52	Capability Improvement
8733 / Battlefield ABN Comm Node (BACN)	MULTI	Other
8736 / Counterdrug USSOUTHCOM Support	No text provided.	Capability Improvement
99999J / MISCELLANEOUS LOW COSTS MODS (Combat Developments)	E-9	Other
HH-60U / HH-60U	HH-60U	Capability Improvement

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>Modification Number / Title:</b> 8676 / ATP-TI Increment 1

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	10.766	50.500	54.844	0.000	54.844	236.633	57.069	58.256	59.413	0.000	527.481
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	10.766	50.500	54.844	0.000	54.844	236.633	57.069	58.256	59.413	0.000	527.481
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>10.766</b>	<b>50.500</b>	<b>54.844</b>	<b>0.000</b>	<b>54.844</b>	<b>236.633</b>	<b>57.069</b>	<b>58.256</b>	<b>59.413</b>	<b>0.000</b>	<b>527.481</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Funding in FY25 supports the procurement of various kits and kit upgrades as part of ATP-TI supporting both the LITENING and Sniper targeting pods.

Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability which are imperative in supporting Long Range Kill Chain in support of Operational Imperative 3, as well as target identification, reduction in collateral damage, and fratricide prevention for F-15E, F-16, A-10, B-1B, and B-52

ATP-TI will continuously enhance Combat Identification (CID) to improve cost effectiveness and reduce collateral damage via modification and integration of hardware and software. In addition, this requirement provides for program management support (PMA) and funding may be used to address Diminishing Manufacturing Sources (DMS) issues. LITENING ATP Large Aperture Kits and Large Aperture Long Lead Items procured will include multiple sensor upgrades to increase the threat detection and identification range of the pod. A Digital Port upgrade to the data link will be accomplished resolving DMS issues and implementing the Type-1 Encryption (Band Efficient-Common Data Link) mandate providing defense capabilities against false or spoofed threats. SNIPER ATP Digital Video Integration capability will provide high quality digital imagery to the new High Definition displays in the F-15/16 cockpits enhancing long range threat targeting and identification. Two-color laser spot tracker procurement kits delivers an eye-safe laser for tracking in urban environments. Funding for the Sniper data link upgrade will address DMS issues and implement the Type-1 Encryption (Band Efficient-Common Data Link) mandate.

Quantities will vary based on funding, negotiated prices, and COCOM requirements.

Funding for this exhibit contained in PE 0207249F

**Milestone/Development Status**

ATP continues to integrate technology that will increase stand off range, combat identification, and provide digital image to the cockpit. Capabilities developed by industry and through the Air Force Research Laboratory.

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>Modification Number / Title:</b> 8676 / ATP-TI Increment 1
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Models of Systems Affected:** A-10, F-15C, F-15E, F-16, B-1, B-52 **Modification Type:** Other **Related RDT&E PEs:** 0207249F

Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1: Upgrade Kits</i>												
A Kits												
Recurring												
Upgrade Kits:INSTALL KITS Group A (Active)	- / -	80 / 10.766	400 / 50.500	400 / 54.844	- / -	400 / 54.844	1,200 / 236.633	400 / 57.069	400 / 58.256	400 / 59.413	- / -	3,280 / 527.481
<i>Subtotal: Recurring</i>	- / -	- / 10.766	- / 50.500	- / 54.844	- / -	- / 54.844	- / 236.633	- / 57.069	- / 58.256	- / 59.413	- / -	- / 527.481
<i>Subtotal: Upgrade Kits</i>	- / -	- / 10.766	- / 50.500	- / 54.844	- / -	- / 54.844	- / 236.633	- / 57.069	- / 58.256	- / 59.413	- / -	- / 527.481
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 10.766	- / 50.500	- / 54.844	- / -	- / 54.844	- / 236.633	- / 57.069	- / 58.256	- / 59.413	- / -	- / 527.481
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>10.766</b>	<b>50.500</b>	<b>54.844</b>	<b>0.000</b>	<b>54.844</b>	<b>236.633</b>	<b>57.069</b>	<b>58.256</b>	<b>59.413</b>	<b>0.000</b>	<b>527.481</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft			<b>Modification Number / Title:</b> 8676 / ATP-TI Increment 1	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>MDAP/MAIS Code:</b>			
<b>Modification Item 1 of 1:</b> Upgrade Kits							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrop Grumman; Lockheed Martin				Manufacturer Location: Rolling Meadows, IL; Orlando, FL			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 14			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Nov 2022	Nov 2023	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028
Delivery Dates	Jan 2024	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 3280		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>Modification Number / Title:</b> 8737 / LGM-35A Sentinel

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	0.000	0.000	0.000	9.759	19.765	3.295	0.000	-	32.819
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	5.216	-	-	-	5.216
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	-	-	0.000	0.000	0.000	9.759	14.549	3.295	0.000	-	27.603
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	5.216	-	5.216	-	-	-	-	-	5.216
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>5.216</b>	<b>0.000</b>	<b>5.216</b>	<b>9.759</b>	<b>14.549</b>	<b>3.295</b>	<b>0.000</b>	-	<b>32.819</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program, P-3A Mod 8737, LGM-35A Sentinel, is a new start.

LGM-35A Sentinel Secondary Launch Platform-Airborne (SLP-A) provides an air-based, secondary launch system design configurable to command either a Minuteman III (MMIII) or Sentinel weapon system in order to maintain U.S. strategic nuclear deterrence. The LGM-35A Sentinel Capability Development Document required Sentinel provide a dual-capable SLP-A design which provides flexibility as a direct replacement for the MM III Airborne Launch Control System to mitigate USSTRATCOM operational risk associated with age out of classified hardware components. The SLP-A MMIII capability is first operational ICBM launch capability delivered by Sentinel.

Two incremental kit deliveries are planned to meet USSTRATCOM operational requirements. The initial baseline SLP-A capability provides two-way voice, one-way data, and Line-of-Sight (LOS) launch for MMIII weapon systems. Upgrade to full Sentinel capability adds two-way voice, two-way data, Emergency Action Message relay capability, and a beyond-LOS (BLOS) launch capability for the Sentinel weapon system. The total SLP-A design is based on a modular open-system architecture which maintains commonality with the Sentinel ground system to leverage the Sentinel Common Crypto design effort for NSA cryptographic certification, facilitate ease of integration aboard 16 Navy E-6B aircraft, and be re-hostable to accommodate future SLP-A platform(s).

**Milestone/Development Status**

The SLP-A continues its development of capabilities to meet the requirement for dual-capable, air based, secondary launch platform.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft					<b>Modification Number / Title:</b> 8737 / LGM-35A Sentinel			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> LGM-35A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Secondary Launch Platform-Airborne (SLP-A)</i>													
B Kits													
Recurring													
Secondary Launch Platform-Airborne (SLP-A):EQUIPMENT Group B (Active)	- / -	- / -	- / -	- / -	- / -	- / -	4 / 9.759	6 / 12.402	- / -	- / -	- / -	10 / 22.161	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.759	- / 12.402	- / -	- / -	- / -	- / 22.161	
<i>Subtotal: Secondary Launch Platform-Airborne (SLP-A)</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.759	- / 12.402	- / -	- / -	- / -	- / 22.161	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.759	- / 12.402	- / -	- / -	- / -	- / 22.161	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.216	- / -	- / -	- / -	- / 5.216	
<i>Subtotal: Support</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.216	- / -	- / -	- / -	- / 5.216	
<b>Installation</b>													
<i>Modification Item 1 of 1: Secondary Launch Platform-Airborne (SLP-A)</i>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.147	6 / 3.295	- / -	- / -	10 / 5.442	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	0.000	0.000	0.000	9.759	19.765	3.295	0.000	-	32.819	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>Modification Number / Title:</b> 8737 / LGM-35A Sentinel
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Secondary Launch Platform-Airborne (SLP-A)

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Roy, UT
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates				Dec 2025	Dec 2026		
Delivery Dates				Dec 2026	Dec 2027		

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.147	- / -	- / -	- / -	4 / 2.147
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.295	- / -	- / -	6 / 3.295
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.147	6 / 3.295	- / -	- / -	10 / 5.442

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	2	2	2	-	-	-	-	0	10
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	1	2	2	1	-	-	-	0	10

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**Exhibit P-40, Advance Procurement Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft
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<b>Program Elements for Code B Items:</b> 0101233F, 0207228F, 0207448F, 0207701F, 0401897F	<b>Other Related Program Elements:</b> 0207228F, 0207249F, 0207701F, 0401897F, 0605238F
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**Line Item MDAP/MAIS Code:** 493

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	5.216	-	5.216	0.000	0.000	0.000	0.000	-	5.216
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	5.216	-	5.216	0.000	0.000	0.000	0.000	-	5.216
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.000</b>	<b>0.000</b>	<b>5.216</b>	-	<b>5.216</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>5.216</b>

**Description:**

LGM-35A Sentinel Secondary Launch Platform - Airborne (SLP-A) provides an air-based, secondary launch system design configurable to command either a Minuteman III (MMIII) or Sentinel weapon system in order to maintain U.S. strategic nuclear deterrence. The LGM-35A Sentinel Capability Development Document required LGM-35A Sentinel provide a dual-capable SLP-A design which provides flexibility as a direct replacement for the MM III Airborne Launch Control System to mitigate USSTRATCOM operational risk associated with age out of classified hardware components. The SLP-A MMIII capability is first operational ICBM launch capability delivered by LGM-35A Sentinel in 2025.

Two incremental kit deliveries are planned to meet USSTRATCOM operational requirements. The initial baseline SLP-A capability provides two-way voice, one-way data, and Line-of-Sight (LOS) launch for MM III weapon systems. Upgrade to full Sentinel capability adds two-way voice, two-way data, Emergency Action Message relay capability, and a beyond-LOS (BLOS) launch capability for the Sentinel weapon system. The total SLP-A design is based on a modular open-system architecture which maintains commonality with the Sentinel ground system to leverage the Sentinel Common Crypto design effort for NSA cryptographic certification, facilitate ease of integration aboard 16 Navy E-6B aircraft, and be re-hostable to accommodate future SLP-A platform(s).

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<b>Exhibit P-40, Advance Procurement Budget Line Item Justification:</b> PB 2025 Air Force				<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft				<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	
<b>Program Elements for Code B Items:</b> 0101233F, 0207228F, 0207448F, 0207701F, 0401897F				<b>Other Related Program Elements:</b> 0207228F, 0207249F, 0207701F, 0401897F, 0605238F	
<b>Line Item MDAP/MAIS Code:</b> 493					

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	Other Aircraft			- / -	- / -	- / 0.000	- / 5.216	- / -	- / 5.216
P-10	8737 / LGM-35A Sentinel			- / -	- / -	- / -	- / 5.216	- / -	- / 5.216
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			- / -	- / 0.000	- / 0.000	- / 5.216	- / -	- / 5.216

Exhibits Schedule				FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	Other Aircraft			- / -	- / -	- / -	- / -	- / -	- / -
P-10	8737 / LGM-35A Sentinel			- / -	- / -	- / -	- / -	- / -	- / 5.216
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 5.216

\*Title represents the P-10 Title for Advance Procurement.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
Advanced procurement of 6 SLP-A E-6B aircraft group-B kits in support of incremental installation of SLP-A kits for the Minuteman III capability in FY27. Group-B kits consist of classified, long-lead, line replaceable unit (LRU) components which include radios, transceivers, modems, high power amplifiers, computer components, and electronic parts, circuit cards.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft							<b>P-5 Number / Title:</b> Other Aircraft		
<b>First System (2025) Award Date:</b> December 2024		<b>First System (2025) Completion Date:</b> December 2026				<b>Interval Between Systems:</b> 0 Months						
<b>Other Aircraft</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2023</b> <i>(Each)</i>	<b>FY 2024</b> <i>(Each)</i>	<b>FY 2025</b> <i>(Each)</i>	<b>FY 2026</b> <i>(Each)</i>	<b>FY 2027</b> <i>(Each)</i>	<b>FY 2028</b> <i>(Each)</i>	<b>FY 2029</b> <i>(Each)</i>	<b>To Complete</b> <i>(Each)</i>	<b>Total</b> <i>(Each)</i>
Quantity		24	-	-	-	-	-	-	-	-	-	-
<b>Cost Elements</b>		<b>When Required</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025</b> <i>(\$ M)</i>	<b>FY 2026</b> <i>(\$ M)</i>	<b>FY 2027</b> <i>(\$ M)</i>	<b>FY 2028</b> <i>(\$ M)</i>	<b>FY 2029</b> <i>(\$ M)</i>	<b>To Complete</b> <i>(\$ M)</i>	<b>Total</b> <i>(\$ M)</i>
<b>CFE</b>												
LGM-35A Sentinel Secondary Launch Platform - Airborne (SLP-A): Long Lead Items <sup>(t)</sup>		24	-	-	-	5.216	-	-	-	-	-	-
<i>Total: CFE</i>			-	-	-	5.216	-	-	-	-	-	-
<b>Total Advance Procurement/Obligation Authority</b>			-	-	<b>0.000</b>	<b>5.216</b>	-	-	-	-	-	-

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>P-5 Number / Title:</b> Other Aircraft
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>CFE</b>							
LGM-35A Sentinel Secondary Launch Platform - Airborne (SLP-A): Long Lead Items <sup>(†)</sup>	-						5.216
<i>Total: CFE</i>							5.216
<b>Total Advance Procurement/Obligation Authority</b>							<b>5.216</b>

**Description:**  
Advanced procurement of 6 SLP-A E-6B aircraft group-B kits in support of incremental installation of SLP-A kits for the Minuteman III capability in FY27. Group-B kits consist of classified, long-lead, line replaceable unit (LRU) components which include radios, transceivers, modems, high power amplifiers, computer components, and electronic parts, circuit cards.

<sup>(†)</sup> indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>P-3a Number / Title:</b> 8737 / LGM-35A Sentinel
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<b>First System (2025) Award Date:</b> December 2024	<b>First System (2025) Completion Date:</b> December 2026	<b>Interval Between Systems:</b> 0 Months
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	Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	FY 2025 <i>(Each)</i>	FY 2026 <i>(Each)</i>	FY 2027 <i>(Each)</i>	FY 2028 <i>(Each)</i>	FY 2029 <i>(Each)</i>	To Complete <i>(Each)</i>	Total <i>(Each)</i>
<b>LGM-35A Sentinel</b>											
Quantity	24	-	-	-	-	-	-	-	-	-	-

	When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	FY 2025 <i>(\$ M)</i>	FY 2026 <i>(\$ M)</i>	FY 2027 <i>(\$ M)</i>	FY 2028 <i>(\$ M)</i>	FY 2029 <i>(\$ M)</i>	To Complete <i>(\$ M)</i>	Total <i>(\$ M)</i>
<b>Cost Elements</b>											

<b>CFE</b>											
LGM-35A Sentinel Secondary Launch Platform - Airborne (SLP-A): Long Lead Items	24	-	-	-	5.216	-	-	-	-	-	5.216
<i>Total: CFE</i>		-	-	-	5.216	-	-	-	-	-	5.216
<b>Total Advance Procurement/Obligation Authority</b>		-	-	-	<b>5.216</b>	-	-	-	-	-	<b>5.216</b>

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> OTHACF / Other Aircraft	<b>P-3a Number / Title:</b> 8737 / LGM-35A Sentinel
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>CFE</b>							
LGM-35A Sentinel Secondary Launch Platform - Airborne (SLP-A): Long Lead Items	-						5.216
<i>Total: CFE</i>							5.216
<b>Total Advance Procurement/Obligation Authority</b>							<b>5.216</b>

**Description:**  
Advanced procurement of 6 SLP-A E-6B aircraft group-B kits in support of incremental installation of SLP-A kits for the Minuteman III capability in FY27. Group-B kits consist of classified, long-lead, line replaceable unit (LRU) components which include radios, transceivers, modems, high power amplifiers, computer components, and electronic parts, circuit cards.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
PRDTB2 / MQ-9 Mods

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0205219F **Other Related Program Elements:** 0205219F

**Line Item MDAP/MAIS Code:** 424

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,899.272	211.453	98.063	12.351	-	12.351	71.526	29.285	29.894	30.487	0.000	2,382.331
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,899.272	211.453	98.063	12.351	-	12.351	71.526	29.285	29.894	30.487	0.000	2,382.331
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,899.272</b>	<b>211.453</b>	<b>98.063</b>	<b>12.351</b>	<b>-</b>	<b>12.351</b>	<b>71.526</b>	<b>29.285</b>	<b>29.894</b>	<b>30.487</b>	<b>0.000</b>	<b>2,382.331</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

MQ-9 Reaper procurement includes all components of the MQ-9 weapon system. The basic MQ-9 Reaper system consists of the aircraft, sensors, a Ground Control Station (GCS), communications equipment, weapon kits, support equipment, simulator and training devices, technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended. Mission-specific equipment is employed in a plug-and-play mission kit concept allowing specific aircraft and Ground Control Station (GCS) configurations to be tailored to fit mission needs.

MQ-9 aircraft will continue to be modified to ensure aircraft are standardized with the latest configuration. Additionally, the MQ-9 system will continue to evolve and upgrade its capabilities to satisfy new requirements and to address Reliability and Maintainability (R&M) and safety issues as they arise. MQ-9 Mods also includes, but is not limited to, aircraft, sensors, ground control stations, command and control systems, and ground support system retrofit to baseline configurations.

The Air Force established the MQ-9 Multi-Domain Operation (M2DO) aircraft configuration consists of multiple projects intended to keep the platform viable in the wide-spectrum of armed conflict. The configuration includes Anti-Jam Global Positioning System, Enhanced Power, Link 16, Open Mission System/Stellar Relay, enhanced data processing, and Command and Control Resiliency. The number of M2DO configured aircraft, and final capabilities within this configuration, are subject to change as requirements evolve.

The Air Force will complete Block 1 MQ-9 aircraft transfers in FY24. There are currently 194 Block 5 MQ-9 aircraft (as of January 2024) in inventory. Not all 194 aircraft will receive every modification. Modification quantities will vary due to attrition, budget constraints, and aircraft being modified by other customers. For each P-3a the number of aircraft funded with baseline modification funding is identified.

Efforts in this summary and associated P-3a's have been broken out into several modifications: 9151, 9152, 9154, 9155, 9159, 9164, 9167, 9168, and low cost modifications.

This program will revise quantities based on updated user requirements, aircraft availability, and as funding permits. Funding may be used to address Diminishing Manufacturing Sources (DMS) and Non-Recurring Engineering (NRE) issues.

This program has associated Research, Development Test and Evaluation (RDT&E) AF funding in MQ-9 PE 0205219F.

Funding for this exhibit contained in PE 0205219F.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft		<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0205219F	<b>Other Related Program Elements:</b> 0205219F
<b>Line Item MDAP/MAIS Code:</b> 424		
<p>Funding may be used, but is not limited to, for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding may also be used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate Electro-Optical/Infra-Red (EO/IR) solutions.</p>		



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**Exhibit P-40, Budget Line Item Justification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
PRDTB2 / MQ-9 Mods

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0205219F **Other Related Program Elements:** 0205219F

**Line Item MDAP/MAIS Code:** 424

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	9151 / Block 5 (Capability Improvement)		B		- / 76.267	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	9152 / MQ-9 Field (Capability Improvement)		B		- / 344.029	- / 8.171	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	9154 / Lynx SAR (Capability Improvement)		B		- / 96.137	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	9155 / GCS Blk 30 (Capability Improvement)		B		- / 219.201	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	9159 / R&M enhancements (Reliability & Maintainability)		B		- / 103.997	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	9164 / Extended Range MQ-9 (Capability Improvement)		B		- / 360.018	- / 1.307	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	9167 / MQ-9 Upgrade (Capability Improvement)		B		- / 683.053	- / 179.149	- / 36.602	- / 7.684	- / 0.000	- / 7.684
P-3a	9168 / MQ-9 SLAM (Capability Improvement)		B		- / 0.000	- / 22.826	- / 61.461	- / 4.667	- / 0.000	- / 4.667
P-3a	1 / MQ-9 Low Cost Mods (Reliability & Maintainability)		B		- / 16.570	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 1,899.272</b>	<b>- / 211.453</b>	<b>- / 98.063</b>	<b>- / 12.351</b>	<b>- / -</b>	<b>- / 12.351</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	9151 / Block 5 (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 76.267
P-3a	9152 / MQ-9 Field (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 352.200
P-3a	9154 / Lynx SAR (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 96.137
P-3a	9155 / GCS Blk 30 (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 219.201
P-3a	9159 / R&M enhancements (Reliability & Maintainability)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 103.997
P-3a	9164 / Extended Range MQ-9 (Capability Improvement)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 361.325
P-3a	9167 / MQ-9 Upgrade (Capability Improvement)		B		- / 7.735	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 914.223
P-3a	9168 / MQ-9 SLAM (Capability Improvement)		B		- / 63.791	- / 29.285	- / 29.894	- / 30.487	- / 0.000	- / 242.411
P-3a	1 / MQ-9 Low Cost Mods (Reliability & Maintainability)		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 16.570
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 71.526</b>	<b>- / 29.285</b>	<b>- / 29.894</b>	<b>- / 30.487</b>	<b>- / 0.000</b>	<b>- / 2,382.331</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

Where applicable, justification for individual modifications is provided in the P-3A exhibits

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9151 / Block 5
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	76.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	76.267
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	76.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	76.267
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>76.267</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>76.267</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This modification program included 2 overarching projects:

Upgraded all MQ-9 Block 1 aircraft. This included, but was not limited to upgrading the secure communications for the aircraft.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D

**Milestone/Development Status**

Block 5 effort is complete and no additional funding is being requested.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9151 / Block 5			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Hybrid Release 1</b>													
A Kits													
Recurring													
Hybrid Release 1:INSTALL KITS Group A (Active)	110 / 2.694	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 2.694	
<i>Subtotal: Recurring</i>	- / 2.694	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.694	
B Kits													
Recurring													
Hybrid Release 1:EQUIPMENT Group B (Active)	110 / 12.285	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 12.285	
<i>Subtotal: Recurring</i>	- / 12.285	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.285	
<i>Subtotal: Hybrid Release 1</i>	- / 14.979	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.979	
<i>Subtotal: Procurement, All Modification Items</i>	- / 14.979	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.979	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 60.008	- / -	- / -	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 60.008	
<i>Subtotal: Support</i>	- / 60.008	- / -	- / -	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / 60.008	
<b>Installation</b>													
<b>Modification Item 1 of 1: Hybrid Release 1</b>	110 / 1.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 1.280	
<i>Subtotal: Installation</i>	110 / 1.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 1.280	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	76.267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	76.267	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9151 / Block 5
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Hybrid Release 1

**Manufacturer Information**

Manufacturer Name: General Atomics ASI Manufacturer Location: Poway, CA

Administrative Leadtime (in Months): 8 Production Leadtime (in Months): 6

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	110 / 1.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 1.280
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	110 / 1.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 1.280

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	110
Out	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	110

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9152 / MQ-9 Field

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	344.029	8.171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	352.200
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	344.029	8.171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	352.200
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>344.029</b>	<b>8.171</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>352.200</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Development is complete. No FY25 funding required.

This modification is a portion of the field retrofit program that upgrades MQ-9 aircraft with enhanced capabilities and utilizes a field team to perform the modification. Upgrades that are part of this modification, include but are not limited to, High Definition (HD) aircraft upgrades, Bomb Release Units (BRU)-71 bomb racks, Heavyweight Main Landing Gear (HMLG), VORTEX encrypted Data Links, Bandwidth Efficient Common Data Link (BE-CDL), POAM Mandates, Stores Management System (SMS), Selective Availability Anti-Spoofing Module (SAASM), cast sump, fuel bladders, Radar Altimeters, Barrett Asymmetric Digital Data Link Computers (BADDCC), Beyond Line of Site (BLOS), Global Positioning System (GPS) splitter, Block 5 Power, and Command and Control data-link resiliency, and use of Retrofit facility space. The associated costs reflect all costs associated with the multiple elements of the MQ-9 field retrofits.

The quantity of aircraft for each modification varies depending on when the capability was cut into production.

Funding may be used, but is not limited to, for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding may also be used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate EO/IR solutions.

**Milestone/Development Status**

MQ-9 Field effort is complete in FY24 and no additional funding is being requested.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9152 / MQ-9 Field			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<b>Modification Item 1 of 1:</b> MQ-9 Field Mods													
A Kits													
Recurring													
MQ-9 Field Mods:INSTALL KITS Group A (Active)	846 / 28.439	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	846 / 28.439	
<i>Subtotal: Recurring</i>	- / 28.439	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.439	
B Kits													
Recurring													
MQ-9 Field Mods:EQUIPMENT Group B (Active)	846 / 265.396	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	846 / 265.396	
<i>Subtotal: Recurring</i>	- / 265.396	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 265.396	
<i>Subtotal: MQ-9 Field Mods</i>	- / 293.835	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 293.835	
<i>Subtotal: Procurement, All Modification Items</i>	- / 293.835	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 293.835	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 31.452	- / 4.042	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 35.494	
<i>Subtotal: Support</i>	- / 31.452	- / 4.042	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 35.494	
<b>Installation</b>													
<b>Modification Item 1 of 1:</b> MQ-9 Field Mods	793 / 18.742	38 / 4.129	15 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	846 / 22.871	
<i>Subtotal: Installation</i>	793 / 18.742	38 / 4.129	15 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	846 / 22.871	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>344.029</b>	<b>8.171</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>352.200</b>

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9152 / MQ-9 Field
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** MQ-9 Field Mods

**Manufacturer Information**

Manufacturer Name: General Atomics-ASI	Manufacturer Location: Poway, CA
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	793 / 18.742	38 / 4.129	15 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	846 / 22.871
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	793 / 18.742	38 / 4.129	15 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	846 / 22.871

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	793	9	9	10	10	3	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	846
Out	793	9	9	10	10	3	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	846

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9154 / Lynx SAR

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	96.137	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	96.137
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	96.137	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	96.137
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>96.137</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>96.137</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Lynx Block 20A Synthetic Aperture Radar (SAR) began production in July 2012. This effort retrofits the 110 MQ-9 aircraft equipped with the older Lynx Block 20 SAR with the current production configuration (LNXD22000-003-000) of the Lynx Block 20A. This effort also included retrofits/upgrades the Lynx Block 20A SAR produced in the earlier LNXD22000-001 and LNXD22000-002 configurations to the current production configuration. By retrofitting all Lynx radars to the current production configuration of the Lynx Block 20A SAR enhances fielded capability, significantly improved reliability and maintainability, provided the capability to locate and track dismounted targets, allowed for the use of retrofit facility space, resolved Diminishing Manufacturing Sources (DMS) issues with the fielded radars, addresses security concerns, and enables future capability growth.

**Milestone/Development Status**

Lynx SAR effort is complete and no additional funding is being requested.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9154 / Lynx SAR			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Lynx SAR</i>													
A Kits													
Recurring													
Lynx SAR:INSTALL KITS Group A (Active)	76 / 10.218	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 10.218	
<i>Subtotal: Recurring</i>	- / 10.218	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.218	
B Kits													
Recurring													
Lynx SAR:EQUIPMENT Group B (Active)	76 / 79.272	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 79.272	
<i>Subtotal: Recurring</i>	- / 79.272	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 79.272	
<i>Subtotal: Lynx SAR</i>	- / 89.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 89.490	
<i>Subtotal: Procurement, All Modification Items</i>	- / 89.490	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 89.490	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 6.647	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.647	
<i>Subtotal: Support</i>	- / 6.647	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.647	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>96.137</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>96.137</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods			<b>Modification Number / Title:</b> 9154 / Lynx SAR	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> Lynx SAR							
<b>Manufacturer Information</b>							
Manufacturer Name: General Atomics-ASI				Manufacturer Location: Poway, CA			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 76		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9155 / GCS Blk 30
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	219.201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	219.201
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	219.201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	219.201
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>219.201</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>219.201</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The Ground Control Station (GCS) retrofit program upgraded the GCS, including, but not limited to Fixed and Mobile GCS with new Linux processors, high definition displays, ergonomic improvements, software/hardware updates, communications improvements, cyber security improvements, Predator Primary Data Links (PPDLs), 2nd ARC-210 radio capabilities, expeditionary line of sight, open architecture and Barrett Asymmetric Digital Data Link Computers (BADDs). Through an incremental approach, GCS retrofits the legacy system with user-prioritized capabilities to include significant Human-Machine Interface (HMI) improvements and reliability and maintenance enhancements. Unit costs vary due to the mix of fixed and mobile retrofits, which have varying costs.

**Milestone/Development Status**

GCS Block 30 effort is complete and no additional funding is being requested.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9155 / GCS Blk 30			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<b>Modification Item 1 of 1: GCS Block 30</b>													
A Kits													
Recurring													
GCS Block 30:INSTALL KITS Group A (Active)	76 / 13.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 13.480	
<i>Subtotal: Recurring</i>	- / 13.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.480	
B Kits													
Recurring													
GCS Block 30:EQUIPMENT Group B (Active)	76 / 114.949	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 114.949	
<i>Subtotal: Recurring</i>	- / 114.949	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 114.949	
<i>Subtotal: GCS Block 30</i>	- / 128.429	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 128.429	
<i>Subtotal: Procurement, All Modification Items</i>	- / 128.429	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 128.429	
<b>Support (All Modification Items)</b>													
Change Orders	- / 1.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.210	
OTHER GOV'T	- / 19.519	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.519	
<i>Subtotal: Support</i>	- / 20.729	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.729	
<b>Installation</b>													
<b>Modification Item 1 of 1: GCS Block 30</b>	76 / 70.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 70.043	
<i>Subtotal: Installation</i>	76 / 70.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 70.043	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>219.201</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>219.201</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9155 / GCS Blk 30
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** GCS Block 30

**Manufacturer Information**

Manufacturer Name: General Atomics-ASI Manufacturer Location: Poway, CA

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 3

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	76 / 70.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 70.043
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	76 / 70.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	76 / 70.043

**Installation Schedule**

PYS	FY 2023	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	76
Out	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	76

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9159 / R&M enhancements

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	103.997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	103.997
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	103.997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	103.997
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>103.997</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>103.997</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort enabled Reliability and Maintainability (R&M) modifications to the MQ-9 aircraft, sensor payloads, Ground Control Stations (GCS), and simulators. R&M modifications improve component mean time between failure and maintenance action rate requirements, and drive down system sustainability costs. Examples include, but are not limited to improved oil system sampling, new battery junction boxes, angle of attack probes, Ruggedized Aircraft Maintenance Test System (RAMTS), use of retrofit facility space, and improved power inverters. This effort addressed R&M issues identified by the Joint Reliability and Maintainability Evaluation Team (JRMET) and CAT I deficiency reports.

The requirement for R&M Enhancements is validated in the MQ-9 Capability Production Document dated 8 August 2006. The quantity of aircraft for each Block 1 & Block 5 modification varies depending on when the capability was cut into production. In FY22 and out, any future R&M funding will be used to conduct other R&M modifications as required and quantities varied based on funding and user requirements.

This program revised quantities based on updated user requirements, aircraft availability, and as funding allowed.

Funding may be used, but is not limited to, for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding may also be used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate EO/IR solutions.

Under this effort the Contractor may provide manufacturing, installation, and acceptance testing to all reliability and maintainability modifications on MQ-9 aircraft and ground based systems.

This mod also included updates to the MALET Stand Alone Trainer (MSAT) family of systems configuration simulator.

**Milestone/Development Status**

R&M Enhancement effort is complete and no additional funding is being requested.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9159 / R&M enhancements			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<b>Modification Item 1 of 1: R&amp;M Enhancements</b>													
A Kits													
Recurring													
R&M Enhancements:INSTALL KITS Group A (Active)	170 / 6.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	170 / 6.650	
<i>Subtotal: Recurring</i>	- / 6.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.650	
B Kits													
Recurring													
R&M Enhancements:EQUIPMENT Group B (Active)	170 / 88.502	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	170 / 88.502	
<i>Subtotal: Recurring</i>	- / 88.502	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 88.502	
<i>Subtotal: R&amp;M Enhancements</i>	- / 95.152	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 95.152	
<i>Subtotal: Procurement, All Modification Items</i>	- / 95.152	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 95.152	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / 8.845	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.845	
<i>Subtotal: Support</i>	- / 8.845	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.845	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>103.997</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>103.997</b>

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods			<b>Modification Number / Title:</b> 9159 / R&M enhancements	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> R&M Enhancements							
<b>Manufacturer Information</b>							
Manufacturer Name: General Atomics ASI				Manufacturer Location: Poway CA			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 170	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9164 / Extended Range MQ-9

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	360.018	1.307	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	361.325
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	360.018	1.307	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	361.325
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>360.018</b>	<b>1.307</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>361.325</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This program added Extended Range (ER) capability to the MQ-9 aircraft. Candidate aircraft modifications included, but were not limited to, external fuel tanks with shipping containers, 4-bladed propellers with shipping containers, engine modifications, fuel system modifications, use of retrofit facility space, and software modifications. This program revised quantities based on updated user requirements and as funding permits.

Funding used, was not limited to, MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding may also be used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate EO/IR solutions.

The ER modification upgraded 113 Block 1 aircraft and 136 Block 5 aircraft per the users identified requirements, but the current quantities may vary after accounting for adjustments due to aircraft attrition and production cut-in of the ER capability. Overseas Contingency Operations (OCO) funded modifications. All other program office installations will be paid for in the year the installations actually occur.

Requirement for this modification was validated by the Chairman of the Joint Chiefs of Staff in conjunction with the Warfighter Senior Integration Group in response to an Urgent Operational Need.

Quantities in FY18 and onward are Block 5 only. There are no hardware requirements beyond FY22. FY23 funding was for installations.

Milestone/Development Status

Extended Range effort is complete in FY24 and no additional funding is being requested.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9164 / Extended Range MQ-9			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<b>Modification Item 1 of 1: Extended Range MQ-9</b>													
A Kits													
Recurring													
Extended Range MQ-9:INSTALL KITS Group A (Active)	303 / 33.956	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	303 / 33.956	
<i>Subtotal: Recurring</i>	- / 33.956	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 33.956	
B Kits													
Recurring													
Extended Range MQ-9:EQUIPMENT Group B (Active)	303 / 283.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	303 / 283.742	
<i>Subtotal: Recurring</i>	- / 283.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 283.742	
<i>Subtotal: Extended Range MQ-9</i>	- / 317.698	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 317.698	
<i>Subtotal: Procurement, All Modification Items</i>	- / 317.698	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 317.698	
<b>Support (All Modification Items)</b>													
OTHER GOVT													
	- / 22.522	- / 0.121	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.643	
<i>Subtotal: Support</i>	- / 22.522	- / 0.121	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 22.643	
<b>Installation</b>													
<b>Modification Item 1 of 1: Extended Range MQ-9</b>													
	293 / 19.798	10 / 1.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	303 / 20.984	
<i>Subtotal: Installation</i>	293 / 19.798	10 / 1.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	303 / 20.984	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>360.018</b>	<b>1.307</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>361.325</b>

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9164 / Extended Range MQ-9
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** Extended Range MQ-9

**Manufacturer Information**

Manufacturer Name: General Atomics - ASI	Manufacturer Location: Poway, CA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	293 / 19.798	10 / 1.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	303 / 20.984
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	293 / 19.798	10 / 1.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	303 / 20.984

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	293	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	303
Out	293	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	303

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9167 / MQ-9 Upgrade

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	683.053	179.149	36.602	7.684	0.000	7.684	7.735	0.000	0.000	0.000	0.000	914.223
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	683.053	179.149	36.602	7.684	0.000	7.684	7.735	0.000	0.000	0.000	0.000	914.223
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>683.053</b>	<b>179.149</b>	<b>36.602</b>	<b>7.684</b>	<b>0.000</b>	<b>7.684</b>	<b>7.735</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>914.223</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The MQ-9 Upgrade program fields new capabilities for the MQ-9 fleet. This program integrates the approved MQ-9 Upgrade Agile Acquisition Strategy, the associated technology maturation efforts, and fielding and sustainment of capabilities associated with Operational Flight Program releases.

MQ-9 Unmanned Aircraft System retrofits those capabilities into the MQ-9 Block 5 platform as required. Although the content of the OFP releases may change in response to changing mission requirements, at this time releases include, but are not limited to, implementing enhanced data processing & dissemination, mission assurance and resiliency, improved weapon system security, enhanced weapons integration & targeting capabilities across the MQ-9 enterprise, high definition electro-optical/infra-red (EO/IR) imagery with the DAS-4 and/or alternative EO/IR sensor, enhanced and redundant power\*, autonomous systems, enhanced command and control data links and associated hardware\*, Link 16\*, and open architectures including open mission system processing\*. Due to the Agile Acquisition process, retrofit priorities will be determined and executed by Technology Maturation Effort (TME) maturity, aircraft availability, and operational needs.

\*Indicates efforts and solutions in support of the modernization MQ-9 Multi-Domain Operations (M2DO) configuration.

Requirement for this modification is validated in the MQ-9 Capability Production Document dated 8 August 2006.

This program will revise quantities based on updated user requirements and as funding permits.

Funding may be used, but is not limited to, for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding may also be used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate EO/IR solutions.

There are multiple capabilities (within each element of the P-3a) being added to the aircraft, therefore the quantities represent total capabilities, not aircraft. Each element will be installed based upon fleet requirements to get to a baseline for that specific capability release.

The quantity of aircraft for each modification varies depending on when the capability was cut into production. For example, the DAS-4 (EO/IR) retrofit, the program planned to modify Block 5 aircraft delivered with or without DAS-4. If not completed during production, field retrofits are required. For the software release retrofits, the program plans to modify Block 5 aircraft as required.

Milestone/Development Status

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9167 / MQ-9 Upgrade
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>	
DAS-4 Development completed in Q4 FY14. Procurement of additional equipment developed in the MQ-9 Upgrade program will continue through FY26+.		

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**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods						<b>Modification Number / Title:</b> 9167 / MQ-9 Upgrade		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>RDT&amp;E PE #</b>												
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162
<b>Procurement</b>												
<b>Modification Item 1 of 2: DAS-4 EO/IR Sensor</b>												
A Kits												
Recurring												
DAS-4 EO/IR Sensor:INSTALL KITS Group A (Active)	302 / 0.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	302 / 0.001
<i>Subtotal: Recurring</i>	- / 0.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.001
B Kits												
Recurring												
DAS-4 EO/IR Sensor:EQUIPMENT Group B (Active)	302 / 415.683	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	302 / 415.683
<i>Subtotal: Recurring</i>	- / 415.683	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 415.683
<i>Subtotal: DAS-4 EO/IR Sensor</i>	- / 415.684	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 415.684
<b>Modification Item 2 of 2: MQ-9 Upgrade</b>												
A Kits												
Recurring												
MQ-9 Upgrade:INSTALL KITS Group A (Active)	450 / 34.052	231 / 32.513	60 / 11.902	20 / 0.300	- / -	20 / 0.300	- / -	- / -	- / -	- / -	- / -	761 / 78.767
<i>Subtotal: Recurring</i>	- / 34.052	- / 32.513	- / 11.902	- / 0.300	- / -	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / 78.767
B Kits												
Recurring												
MQ-9 Upgrade:EQUIPMENT Group B (Active)	1,149 / 186.598	231 / 124.231	60 / 14.040	20 / 0.700	- / -	20 / 0.700	- / -	- / -	- / -	- / -	- / -	1,460 / 325.569
<i>Subtotal: Recurring</i>	- / 186.598	- / 124.231	- / 14.040	- / 0.700	- / -	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / 325.569
<i>Subtotal: MQ-9 Upgrade</i>	- / 220.650	- / 156.744	- / 25.942	- / 1.000	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 404.336
<i>Subtotal: Procurement, All Modification Items</i>	- / 636.334	- / 156.744	- / 25.942	- / 1.000	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 820.020
<b>Support (All Modification Items)</b>												
OTHER GOVT												
	- / 140.419	- / 16.679	- / 10.660	- / -	- / -	- / -	- / 5.112	- / -	- / -	- / -	- / -	- / 72.870
<i>Subtotal: Support</i>	- / 140.419	- / 16.679	- / 10.660	- / -	- / -	- / -	- / 5.112	- / -	- / -	- / -	- / -	- / 72.870
<b>Installation</b>												
<b>Modification Item 2 of 2: MQ-9 Upgrade</b>												
	100 / 6.300	350 / 5.726	231 / 0.000	60 / 6.684	- / -	60 / 6.684	20 / 2.623	- / -	- / -	- / -	- / -	761 / 21.333
<i>Subtotal: Installation</i>	100 / 6.300	350 / 5.726	231 / 0.000	60 / 6.684	- / -	60 / 6.684	20 / 2.623	- / -	- / -	- / -	- / -	761 / 21.333
<b>Total</b>												

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods						<b>Modification Number / Title:</b> 9167 / MQ-9 Upgrade		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>					
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Total Cost (Procurement + Support + Installation)</b>	683.053	179.149	36.602	7.684	0.000	7.684	7.735	0.000	0.000	0.000	0.000	914.223

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods			<b>Modification Number / Title:</b> 9167 / MQ-9 Upgrade	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> DAS-4 EO/IR Sensor							
<b>Manufacturer Information</b>							
Manufacturer Name: Raytheon				Manufacturer Location: McKinney, TX			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 22			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 302		



**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9167 / MQ-9 Upgrade
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 2 of 2:** MQ-9 Upgrade

**Manufacturer Information**

Manufacturer Name: General Atomics, ASI	Manufacturer Location: Poway, CA
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Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jan 2023	Jan 2024	Jan 2025				
Delivery Dates	Jan 2024	Jan 2025	Jan 2026				

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	100 / 6.300	350 / 5.726	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 12.026
FY 2023	- / -	- / -	231 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	231 / 0.000
FY 2024	- / -	- / -	- / -	60 / 6.684	- / -	60 / 6.684	- / -	- / -	- / -	- / -	- / -	60 / 6.684
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.623	- / -	- / -	- / -	- / -	20 / 2.623
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	100 / 6.300	350 / 5.726	231 / 0.000	60 / 6.684	- / -	60 / 6.684	20 / 2.623	- / -	- / -	- / -	- / -	761 / 21.333

**Installation Schedule**

PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	100	90	90	90	80	60	60	60	51	15	15	15	15	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	0	761
Out	100	90	90	90	80	60	60	60	51	15	15	15	15	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	0	761	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9168 / MQ-9 SLAM

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	22.826	61.461	4.667	0.000	4.667	63.791	29.285	29.894	30.487	0.000	242.411
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	22.826	61.461	4.667	0.000	4.667	63.791	29.285	29.894	30.487	0.000	242.411
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>22.826</b>	<b>61.461</b>	<b>4.667</b>	<b>0.000</b>	<b>4.667</b>	<b>63.791</b>	<b>29.285</b>	<b>29.894</b>	<b>30.487</b>	<b>0.000</b>	<b>242.411</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The MQ-9 SLAM program fields new capabilities for the MQ-9 fleet as a follow on to the MQ-9 Upgrade program. The SLAM program integrates the approved MQ-9 SLAM Agile Acquisition Strategy, the associated technology maturation efforts, and fielding and sustainment of capabilities associated with Operational Flight Program releases.

MQ-9 Unmanned Aircraft System retrofits those capabilities into the MQ-9 Block 5 platform as required. Although the content of the OFP releases may change in response to changing mission requirements, at this time releases include, but are not limited to, implementing enhanced data processing & dissemination, mission assurance and resiliency, improved weapon system security, enhanced weapons integration & targeting capabilities across the MQ-9 enterprise, enhanced autonomy, expeditionary line of site control, artificial intelligence, enhanced command and control data links and associated hardware upgrades\*, and open architectures including open mission system processing\*. Due to the Agile Acquisition process, retrofit priorities will be determined and executed by Technology Maturation Effort (TME) maturity, aircraft availability, and operational needs.

\*Indicates efforts and solutions in support of the modernization MQ-9 Multi-Domain Operations (M2DO) configuration.

Requirement for this modification is validated in the MQ-9 Capability Production Document dated 8 August 2006.

This program will revise quantities based on updated user requirements and as funding permits.

Funding may be used, but is not limited to, for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding may also be used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate EO/IR solutions.

There are multiple capabilities (within each element of the P-3a) being added to the aircraft, therefore the quantities represent total capabilities, not aircraft. Each element will be installed based upon fleet requirements to get to a baseline for that specific capability release.

The quantity of aircraft for each modification varies depending on when the capability was cut into production. For the software release retrofits, the program plans to modify Block 5 aircraft as required.

Milestone/Development Status

As additional capability is developed in with SLAM RDT&E, Procurement of equipment will be purchased and fielded through FY29+ under the MQ-9 SLAM program.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 9168 / MQ-9 SLAM			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 76.712	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 303.334	
<b>Procurement</b>													
<b>Modification Item 1 of 1: MQ-9 SLAM</b>													
A Kits													
Recurring													
MQ-9 SLAM:INSTALL KITS Group A (Active)	- / -	80 / 2.906	371 / 9.881	- / -	- / -	- / -	40 / 59.355	40 / 5.327	40 / 5.434	40 / 5.650	- / -	611 / 88.553	
<i>Subtotal: Recurring</i>	- / -	- / 2.906	- / 9.881	- / -	- / -	- / -	- / 59.355	- / 5.327	- / 5.434	- / 5.650	- / -	- / 88.553	
B Kits													
Recurring													
MQ-9 SLAM:EQUIPMENT Group B (Active)	- / -	80 / 14.750	371 / 43.867	- / -	- / -	- / -	- / -	40 / 19.289	40 / 19.675	40 / 19.900	- / -	571 / 117.481	
<i>Subtotal: Recurring</i>	- / -	- / 14.750	- / 43.867	- / -	- / -	- / -	- / -	- / 19.289	- / 19.675	- / 19.900	- / -	- / 117.481	
<i>Subtotal: MQ-9 SLAM</i>	- / -	- / 17.656	- / 53.748	- / -	- / -	- / -	- / 59.355	- / 24.616	- / 25.109	- / 25.550	- / -	- / 206.034	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 17.656	- / 53.748	- / -	- / -	- / -	- / 59.355	- / 24.616	- / 25.109	- / 25.550	- / -	- / 206.034	
<b>Support (All Modification Items)</b>													
OTHER GOVT	- / -	- / 5.170	- / 4.996	- / 4.667	- / -	- / 4.667	- / 3.509	- / 4.669	- / 4.785	- / 4.937	- / -	- / 32.733	
<i>Subtotal: Support</i>	- / -	- / 5.170	- / 4.996	- / 4.667	- / -	- / 4.667	- / 3.509	- / 4.669	- / 4.785	- / 4.937	- / -	- / 32.733	
<b>Installation</b>													
<b>Modification Item 1 of 1: MQ-9 SLAM</b>	- / -	- / -	80 / 2.717	371 / 0.000	- / -	371 / 0.000	40 / 0.927	- / -	40 / 0.000	40 / 0.000	40 / 0.000	611 / 3.644	
<i>Subtotal: Installation</i>	- / -	- / -	80 / 2.717	371 / -	- / -	371 / -	40 / 0.927	- / -	40 / -	40 / -	40 / -	611 / 3.644	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>22.826</b>	<b>61.461</b>	<b>4.667</b>	<b>0.000</b>	<b>4.667</b>	<b>63.791</b>	<b>29.285</b>	<b>29.894</b>	<b>30.487</b>	<b>0.000</b>	<b>242.411</b>	

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 9168 / MQ-9 SLAM
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** MQ-9 SLAM

**Manufacturer Information**

Manufacturer Name: General Atomics, ASI Manufacturer Location: Poway, CA

Administrative Leadtime (in Months): 1 Production Leadtime (in Months): 14

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jan 2023	Jan 2024		Jan 2026	Jan 2027	Jan 2028	Jan 2029
Delivery Dates	Mar 2024	Mar 2025		Mar 2027	Mar 2028	Mar 2029	Mar 2030

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	80 / 2.717	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / 2.717
FY 2024	- / -	- / -	- / -	371 / 0.000	- / -	371 / 0.000	0 / 0.927	- / -	- / -	- / -	- / -	371 / 0.927
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.000	- / -	- / -	- / -	- / -	40 / 0.000
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.000	- / -	- / -	40 / 0.000
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.000	- / -	40 / 0.000
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 0.000	40 / 0.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	- / -	- / -	80 / 2.717	371 / 0.000	- / -	371 / 0.000	40 / 0.927	- / -	40 / 0.000	40 / 0.000	40 / 0.000	611 / 3.644

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	20	20	20	20	93	93	93	92	10	10	10	10	-	-	-	-	10	10	10	10	10	10	10	10	40	611
Out	0	-	-	-	-	20	20	20	20	93	93	93	92	10	10	10	10	-	-	-	-	10	10	10	10	10	10	10	10	40	611

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods	<b>Modification Number / Title:</b> 1 / MQ-9 Low Cost Mods
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	16.570	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	16.570
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	16.570	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	16.570
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>16.570</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>16.570</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This effort enabled the execution of low cost modifications in a timely manner.

Funding used, was not limited to, for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement included quantities beyond established aircraft levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE). Funding was used for support equipment or Government Furnished Equipment (GFE) retrofit requirements, Alternate Mission Equipment (AME), and alternate EO/IR solutions.

Under this effort the contractor shall provide manufacturing, installation, and acceptance testing of low cost modifications on MQ-9 aircraft and ground based systems.

Milestone/Development Status

Effort Complete. No additional funding required.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods					<b>Modification Number / Title:</b> 1 / MQ-9 Low Cost Mods			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> MQ-9				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0205219F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0205219F	- / 1,772.540	- / 145.499	- / 81.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,999.162	
<b>Procurement</b>													
<b>Modification Item 1 of 1:</b> MQ-9 Low Cost Mods													
A Kits													
Recurring													
MQ-9 Low Cost Mods:INSTALL KITS Group A (Active)	0 / 0.734	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.734	
<i>Subtotal: Recurring</i>	- / 0.734	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.734	
B Kits													
Recurring													
MQ-9 Low Cost Mods:EQUIPMENT Group B (Active)	0 / 15.836	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 15.836	
<i>Subtotal: Recurring</i>	- / 15.836	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.836	
<i>Subtotal: MQ-9 Low Cost Mods</i>	- / 16.570	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.570	
<i>Subtotal: Procurement, All Modification Items</i>	- / 16.570	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.570	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>16.570</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>16.570</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> PRDTB2 / MQ-9 Mods			<b>Modification Number / Title:</b> 1 / MQ-9 Low Cost Mods	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>			
<b>Modification Item 1 of 1:</b> MQ-9 Low Cost Mods							
<b>Manufacturer Information</b>							
Manufacturer Name: General Atomics - ASI				Manufacturer Location: Poway, CA			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 1			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 0	

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401314F	Other Related Program Elements: 0401314F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	28.265	24.784	24.847	25.001	-	25.001	24.929	24.952	24.970	25.467	0.000	203.215
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	28.265	24.784	24.847	25.001	-	25.001	24.929	24.952	24.970	25.467	0.000	203.215
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>28.265</b>	<b>24.784</b>	<b>24.847</b>	<b>25.001</b>	<b>-</b>	<b>25.001</b>	<b>24.929</b>	<b>24.952</b>	<b>24.970</b>	<b>25.467</b>	<b>0.000</b>	<b>203.215</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The SLC3S-A Enhancements effort provides the capability to rapidly acquire, integrate in the Systems Integration Lab (SIL), modify, install, and test new airborne communications technologies for two (2) VC-25A, four (4) C-32A, four (4) C-40B, and sixteen (16) C-37A/B Executive Airlift aircraft. These modifications consist of Top Secret/Sensitive Compartmented Information (TS/SCI), Secret (S), and Unclassified voice/data/video architecture enhancements enabling Senior Leaders to make time critical decisions and manage crisis actions while airborne.

These efforts ensure National Senior Leaders have redundant, protected, survivable, and secure global wideband satellite, air-to-air, and air-to-ground communications for modern business enterprise systems and Command and Control functions while airborne. In addition to the aforementioned modifications, this funding implements National Leadership Command Capability Senior Leader Communications Council actions to correct mission communication system failures and address imminent capability and/or training deltas.

This funding may include, but is not limited to, emerging modification requirements to support program support costs (PCS), advisory & assistance services (A&AS), systems integration lab, trainers, support equipment, other government costs, and Senior Leader Communications System modernization efforts.

SLC3S-A unit kit costs are dependent on the starting configuration of each aircraft before modification, the communication upgrades required in the budget year, and the associated installation costs.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit is contained in PE 0401314F.

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:**  
3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

**P-1 Line Item Number / Title:**  
SLC3SA / Senior Leader C3 System - Aircraft

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401314F **Other Related Program Elements:** 0401314F

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Senior Leader C3 System - Aircraft				- / 6.190	- / 3.206	- / 3.042	- / 4.082	- / 0.000	- / 4.082
P-3a	1 / C-32 - SLC3SA (Capability Improvement)		B		- / 8.459	- / 5.220	- / 7.099	- / 12.756	- / 0.000	- / 12.756
P-3a	2 / C-37 - SLC3SA (Capability Improvement)		B		- / 13.616	- / 16.358	- / 14.706	- / 8.163	- / 0.000	- / 8.163
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 28.265</b>	<b>- / 24.784</b>	<b>- / 24.847</b>	<b>- / 25.001</b>	<b>- / -</b>	<b>- / 25.001</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Senior Leader C3 System - Aircraft				- / 4.071	- / 4.074	- / 4.077	- / 4.158	- / 0.000	- / 32.900
P-3a	1 / C-32 - SLC3SA (Capability Improvement)		B		- / 12.720	- / 12.732	- / 12.741	- / 12.995	- / 0.000	- / 84.722
P-3a	2 / C-37 - SLC3SA (Capability Improvement)		B		- / 8.138	- / 8.146	- / 8.152	- / 8.314	- / -	- / 85.593
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 24.929</b>	<b>- / 24.952</b>	<b>- / 24.970</b>	<b>- / 25.467</b>	<b>- / 0.000</b>	<b>- / 203.215</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

FY25: 2x C-32A will receive Senior Leader Communications enhancements consisting of, but not limited to, bandwidth aggregation, In-flight Information (IFI), Commercial Wi-Fi, Airborne Executive Phone-Enhanced (AEP-E), provisioning for Mobile User Objective System (MUOS), Low Latency World-Wide Data Connection and Link Resiliency and tech refresh.

FY25: 2x C-37A/Bs will be upgraded with Senior Leader Communications enhancements consisting of, but not limited to, multi-Domain Wi-fi, Ka SATCOM capability, Airborne Executive Phone-Enhanced (AEP-E), cybersecurity modifications and technology refresh.

FY25: 2x C-40Bs will receive Senior Leader Communications enhancements consisting of, but not limited to, M3 Modem, bandwidth aggregation, In-flight Information (IFI), Commercial Wi-Fi, Airborne Executive Phone-Enhanced (AEP-E), provisioning for Mobile User Objective System (MUOS), Low Latency World-Wide Data Connection and tech refresh.

FY25: Funding is budgeted for VC-25A in anticipation of emerging Presidential communications capability requirements.

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**Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft	<b>Aggregated Modification Items Title:</b> Senior Leader C3 System - Aircraft
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Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-40 - SLC3SA / C-40 - SLC3SA			-	-	6.092	-	-	3.105	-	-	2.941	-	-	3.980	-	-	-	-	-	3.980
VC-25A - SLC3SA / VC-25A - SLC3SA			-	-	0.098	-	-	0.101	-	-	0.101	-	-	0.102	-	-	-	-	-	0.102
<b>Total</b>			-	-	<b>6.190</b>	-	-	<b>3.206</b>	-	-	<b>3.042</b>	-	-	<b>4.082</b>	-	-	<b>0.000</b>	-	-	<b>4.082</b>

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2026			FY 2027			FY 2028			FY 2029			To Complete			Total Cost		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
C-40 - SLC3SA / C-40 - SLC3SA			-	-	4.071	-	-	4.074	-	-	4.077	-	-	4.158	-	-	-	-	-	32.498
VC-25A - SLC3SA / VC-25A - SLC3SA			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.402
<b>Total</b>			-	-	<b>4.071</b>	-	-	<b>4.074</b>	-	-	<b>4.077</b>	-	-	<b>4.158</b>	-	-	<b>0.000</b>	-	-	<b>32.900</b>

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

**Modification Information:**

Item Number / Title	Models of Systems Affected	Modification Type
C-40 - SLC3SA / C-40 - SLC3SA	C-40B	Capability Improvement
VC-25A - SLC3SA / VC-25A - SLC3SA	VC-25A	Capability Improvement

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**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft	<b>Modification Number / Title:</b> 1 / C-32 - SLC3SA
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	8.459	5.220	7.099	12.756	0.000	12.756	12.720	12.732	12.741	12.995	0.000	84.722
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	8.459	5.220	7.099	12.756	0.000	12.756	12.720	12.732	12.741	12.995	0.000	84.722
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>8.459</b>	<b>5.220</b>	<b>7.099</b>	<b>12.756</b>	<b>0.000</b>	<b>12.756</b>	<b>12.720</b>	<b>12.732</b>	<b>12.741</b>	<b>12.995</b>	<b>0.000</b>	<b>84.722</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The SLC3S-A Enhancements effort provides the capability to rapidly acquire, integrate in the Systems Integration Lab (SIL), modify, install, and test new airborne communications technologies for four (4) C-32A Executive Airlift aircraft. These modifications consist of Top Secret/Sensitive Compartmented Information (TS/SCI), Secret (S), and Unclassified voice/data/video architecture enhancements enabling Senior Leaders to make time critical decisions and manage crisis actions while airborne.

These efforts ensure National Senior Leaders have redundant, protected, survivable, and secure global wideband satellite, air-to-air, and air-to-ground communications for modern business enterprise systems and Command and Control functions while airborne. In addition to the aforementioned modifications, this funding implements National Leadership Command Capability Senior Leader Communications Council actions to correct mission communication system failures and address imminent capability and/or training deltas.

SLC3S-A unit kits costs are dependent on the starting configuration of each aircraft before modification, the communication upgrades required in the budget year, and the associated installation costs.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

The below modification requirements are identified via multiple AF 1067s.

FY25: 2x C-32A will receive Senior Leader Communications enhancements consisting of, but not limited to, bandwidth aggregation, In-flight Information (IFI), Commercial Wi-Fi, Airborne Executive Phone-Enhanced (AEP-E), provisioning for Mobile User Objective System (MUOS), Low Latency World-Wide Data Connection and Link Resiliency and tech refresh.

**Milestone/Development Status**

Commercial-off-the-shelf item with non-recurring engineering for integration.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft					<b>Modification Number / Title:</b> 1 / C-32 - SLC3SA			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-32A				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401314F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1:</i> MCS Upgrade (3)													
A Kits													
Recurring													
MCS Upgrade:INSTALL KITS Group A (Active)	1 / 3.333	1 / 2.377	1 / 3.088	2 / 4.138	- / -	2 / 4.138	2 / 4.094	2 / 4.094	2 / 4.094	2 / 4.094	- / -	13 / 29.312	
<i>Subtotal: Recurring</i>	- / 3.333	- / 2.377	- / 3.088	- / 4.138	- / -	- / 4.138	- / 4.094	- / 4.094	- / 4.094	- / 4.094	- / -	- / 29.312	
B Kits													
Recurring													
MCS Upgrade:EQUIPMENT Group B (Active)	1 / 2.604	1 / 1.676	1 / 1.980	2 / 2.990	- / -	2 / 2.990	2 / 2.990	2 / 2.990	2 / 2.990	2 / 2.990	- / -	13 / 21.210	
<i>Subtotal: Recurring</i>	- / 2.604	- / 1.676	- / 1.980	- / 2.990	- / -	- / 2.990	- / 2.990	- / 2.990	- / 2.990	- / 2.990	- / -	- / 21.210	
<i>Subtotal: MCS Upgrade (3)</i>	- / 5.937	- / 4.053	- / 5.068	- / 7.128	- / -	- / 7.128	- / 7.084	- / 7.084	- / 7.084	- / 7.084	- / -	- / 50.522	
<i>Subtotal: Procurement, All Modification Items</i>	- / 5.937	- / 4.053	- / 5.068	- / 7.128	- / -	- / 7.128	- / 7.084	- / 7.084	- / 7.084	- / 7.084	- / -	- / 50.522	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 1.350	- / -	- / -	- / 2.002	- / -	- / 2.002	- / -	- / -	- / -	- / -	- / -	- / 3.352	
GROUP B: TOTAL NONRECURRING	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.997	- / 1.997	- / 1.997	- / 1.997	- / -	- / 17.988	
PSC - Contractor Services	- / 0.087	- / 0.083	- / 0.427	- / 0.421	- / -	- / 0.421	- / 0.420	- / 0.420	- / 0.420	- / 0.500	- / -	- / 12.778	
PSC - Other Gov't Costs	- / 0.085	- / 0.084	- / 0.104	- / 0.205	- / -	- / 0.205	- / 0.219	- / 0.231	- / 0.240	- / 0.414	- / -	- / 1.582	
<i>Subtotal: Support</i>	- / 1.522	- / 0.167	- / 0.531	- / 2.628	- / -	- / 2.628	- / 2.636	- / 2.648	- / 2.657	- / 2.911	- / -	- / 15.700	
<b>Installation</b>													
<i>Modification Item 1 of 1:</i> MCS Upgrade (3)	1 / 1.000	1 / 1.000	1 / 1.500	2 / 3.000	- / -	2 / 3.000	2 / 3.000	2 / 3.000	2 / 3.000	2 / 3.000	- / -	13 / 18.500	
<i>Subtotal: Installation</i>	1 / 1.000	1 / 1.000	1 / 1.500	2 / 3.000	- / -	2 / 3.000	2 / 3.000	2 / 3.000	2 / 3.000	2 / 3.000	- / -	13 / 18.500	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>8.459</b>	<b>5.220</b>	<b>7.099</b>	<b>12.756</b>	<b>0.000</b>	<b>12.756</b>	<b>12.720</b>	<b>12.732</b>	<b>12.741</b>	<b>12.995</b>	<b>0.000</b>	<b>84.722</b>	

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**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft	<b>Modification Number / Title:</b> 1 / C-32 - SLC3SA
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

**Modification Item 1 of 1:** MCS Upgrade (3)

**Manufacturer Information**

Manufacturer Name: L3Harris Technologies Manufacturer Location: Greenville, TX

Administrative Leadtime (in Months): 0 Production Leadtime (in Months): 5

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Oct 2022	Oct 2023	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028
Delivery Dates	Mar 2023	Mar 2024	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029

**Installation Information**

**Method of Implementation:** Contractor Facility

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000
FY 2023	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000
FY 2024	- / -	- / -	1 / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.500
FY 2025	- / -	- / -	- / -	2 / 3.000	- / -	2 / 3.000	- / -	- / -	- / -	- / -	- / -	2 / 3.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.000	- / -	- / -	- / -	- / -	2 / 3.000
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.000	- / -	- / -	- / -	2 / 3.000
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.000	- / -	- / -	2 / 3.000
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.000	- / -	2 / 3.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	1 / 1.000	1 / 1.000	1 / 1.500	2 / 3.000	- / -	2 / 3.000	2 / 3.000	2 / 3.000	2 / 3.000	2 / 3.000	- / -	13 / 18.500

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	1	-	-	-	1	-	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	1	-	1	-	0	13
Out	0	1	-	-	-	1	-	-	-	-	1	-	-	1	1	-	-	1	1	-	-	1	-	1	-	-	1	-	1	2	13

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft	<b>Modification Number / Title:</b> 2 / C-37 - SLC3SA

**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	13.616	16.358	14.706	8.163	0.000	8.163	8.138	8.146	8.152	8.314	-	85.593
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	13.616	16.358	14.706	8.163	0.000	8.163	8.138	8.146	8.152	8.314	-	85.593
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>13.616</b>	<b>16.358</b>	<b>14.706</b>	<b>8.163</b>	<b>0.000</b>	<b>8.163</b>	<b>8.138</b>	<b>8.146</b>	<b>8.152</b>	<b>8.314</b>	-	<b>85.593</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The SLC3S-A Enhancements effort provides the capability to rapidly acquire, integrate in the Systems Integration Lab (SIL), modify, install, and test new airborne communications technologies for sixteen (16) C-37A/B Executive Airlift aircraft. These modifications consist of Top Secret/Sensitive Compartmented Information (TS/SCI), Secret (S), and Unclassified voice/data/video architecture enhancements enabling Senior Leaders to make time critical decisions and manage crisis actions while airborne.

These efforts ensure National Senior Leaders have redundant, protected, survivable, and secure global wideband satellite, air-to-air, and air-to-ground communications for modern business enterprise systems and Command and Control functions globally while airborne. In addition to the aforementioned modifications, this funding implements National Leadership Command Capability Senior Leader Communications Council actions to correct mission communication system failures and address imminent capability and/or training deltas.

SLC3S-A unit kits costs are dependent on the starting configuration of each aircraft before modification, the communication upgrades required in the budget year, and the associated installation costs.

This modification supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

The below modification requirements are identified via multiple AF 1067s.

FY25: 2x C-37A/Bs will be upgraded with Senior Leader Communications enhancements consisting of, but not limited to, multi-Domain Wi-fi, Ka SATCOM capability, Airborne Executive Phone-Enhanced (AEPE), cybersecurity modifications and technology refresh.

Milestone/Development Status

Commercial-off-the-shelf item with non-recurring engineering for integration.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft					<b>Modification Number / Title:</b> 2 / C-37 - SLC3SA			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> C-37				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401314F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: MCS Upgrade (2)</i>													
A Kits													
Recurring													
MCS Upgrade:INSTALL KITS Group A (Active)	4 / 8.237	8 / 9.696	6 / 8.494	2 / 4.921	- / -	2 / 4.921	2 / 4.886	2 / 4.886	2 / 4.886	2 / 4.886	- / -	28 / 50.892	
<i>Subtotal: Recurring</i>	- / 8.237	- / 9.696	- / 8.494	- / 4.921	- / -	- / 4.921	- / 4.886	- / 4.886	- / 4.886	- / 4.886	- / -	- / 50.892	
B Kits													
Recurring													
MCS Upgrade:EQUIPMENT Group B (Active)	4 / 2.750	8 / 3.500	6 / 3.000	2 / 2.002	- / -	2 / 2.002	2 / 2.003	2 / 2.003	2 / 2.003	2 / 2.003	- / -	28 / 19.264	
<i>Subtotal: Recurring</i>	- / 2.750	- / 3.500	- / 3.000	- / 2.002	- / -	- / 2.002	- / 2.003	- / 2.003	- / 2.003	- / 2.003	- / -	- / 19.264	
<i>Subtotal: MCS Upgrade (2)</i>	- / 10.987	- / 13.196	- / 11.494	- / 6.923	- / -	- / 6.923	- / 6.889	- / 6.889	- / 6.889	- / 6.889	- / -	- / 70.156	
<i>Subtotal: Procurement, All Modification Items</i>	- / 10.987	- / 13.196	- / 11.494	- / 6.923	- / -	- / 6.923	- / 6.889	- / 6.889	- / 6.889	- / 6.889	- / -	- / 70.156	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 0.462	- / 0.995	- / 1.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.459	
PSC - Contractor Services	- / 0.086	- / 0.083	- / 0.083	- / 0.083	- / -	- / 0.083	- / 0.083	- / 0.083	- / 0.083	- / 0.083	- / -	- / 0.667	
PSC - Other Gov't Costs	- / 0.081	- / 0.084	- / 0.127	- / 0.157	- / -	- / 0.157	- / 0.166	- / 0.174	- / 0.180	- / 0.342	- / -	- / 1.311	
<i>Subtotal: Support</i>	- / 0.629	- / 1.162	- / 1.212	- / 0.240	- / -	- / 0.240	- / 0.249	- / 0.257	- / 0.263	- / 0.425	- / -	- / 4.437	
<b>Installation</b>													
<i>Modification Item 1 of 1: MCS Upgrade (2)</i>	4 / 2.000	8 / 2.000	6 / 2.000	2 / 1.000	- / -	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	- / -	28 / 11.000	
<i>Subtotal: Installation</i>	4 / 2.000	8 / 2.000	6 / 2.000	2 / 1.000	- / -	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	- / -	28 / 11.000	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>13.616</b>	<b>16.358</b>	<b>14.706</b>	<b>8.163</b>	<b>0.000</b>	<b>8.163</b>	<b>8.138</b>	<b>8.146</b>	<b>8.152</b>	<b>8.314</b>	<b>-</b>	<b>85.593</b>	



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>																				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> SLC3SA / Senior Leader C3 System - Aircraft					<b>Modification Number / Title:</b> 2 / C-37 - SLC3SA																					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B											<b>MDAP/MAIS Code:</b>																				
<b>Modification Item 1 of 1:</b> MCS Upgrade (2)																															
<b>Manufacturer Information</b>																															
Manufacturer Name: L3Harris Technologies											Manufacturer Location: Greenville, TX																				
Administrative Leadtime (in Months): 0											Production Leadtime (in Months): 2																				
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>																								
Contract Dates	Oct 2022	Oct 2023	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028																								
Delivery Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028																								
<b>Installation Information</b>																															
<b>Method of Implementation:</b> Contractor Facility																															
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>																			
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																		
Prior Years	4 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.000																		
FY 2023	- / -	8 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.000																		
FY 2024	- / -	- / -	6 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.000																		
FY 2025	- / -	- / -	- / -	2 / 1.000	- / -	2 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.000																		
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.000	- / -	- / -	- / -	- / -	- / -	2 / 1.000																		
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.000	- / -	- / -	- / -	- / -	2 / 1.000																		
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.000	- / -	- / -	- / -	2 / 1.000																		
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.000	- / -	- / -	2 / 1.000																		
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total	4 / 2.000	8 / 2.000	6 / 2.000	2 / 1.000	- / -	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	2 / 1.000	- / -	28 / 11.000																		
<b>Installation Schedule</b>																															
	<b>PYS</b>	<b>FY 2023</b>				<b>FY 2024</b>				<b>FY 2025</b>				<b>FY 2026</b>				<b>FY 2027</b>				<b>FY 2028</b>				<b>FY 2029</b>				<b>TC</b>	<b>Tot</b>
		<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>		
In	4	-	2	5	1	1	2	2	1	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	0	28
Out	4	-	2	5	1	1	2	2	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	0	28

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**Exhibit P-40, Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0401318F
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**Line Item MDAP/MAIS Code:** 212

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	752.073	153.026	153.006	42.795	-	42.795	100.356	96.582	79.524	65.408	0.000	1,442.770
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	752.073	153.026	153.006	42.795	-	42.795	100.356	96.582	79.524	65.408	0.000	1,442.770
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>752.073</b>	<b>153.026</b>	<b>153.006</b>	<b>42.795</b>	<b>-</b>	<b>42.795</b>	<b>100.356</b>	<b>96.582</b>	<b>79.524</b>	<b>65.408</b>	<b>0.000</b>	<b>1,442.770</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	18.222	2.254	3.989	3.738	-	3.738	5.421	6.037	5.776	5.010	-	50.447
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The CV-22 is the Air Force Special Operations Forces (SOF) variant of the joint multi-mission V-22 tilt rotor aircraft. The CV-22 provides long-range, high-speed infiltration, exfiltration, personnel recovery, and resupply to Special Forces teams in hostile, denied, and politically sensitive areas. The Navy is the lead service for the Joint V-22 program. The Joint Program Manager is responsible for managing all variants of the V-22.

Department of the Navy (DoN) funds the development of the MV-22 and CMV-22. The Air Force funds the service-common portion of the CV-22 while United States Special Operations Command (USSOCOM) funds the development and procurement of SOF peculiar systems. Each Service and Foreign Military Service participates in cost share for non-recurring engineering. The designed service life for the aircraft is 10,000 flying hours over 30 years. Program of record is 56 CV-22s.

Funding for this exhibit is contained in PE 0401318F.

Funding may be used to address Diminishing Manufacturing Source (DMS) and component obsolescence issues.

This funding may include emerging modification requirements to support Program Support Costs (PSC), Advisory and Assistant Service (A&AS), system integration lab, trainers, equipment and other government cost.

This program has associated RDT&E, AF funding in FY 2025 providing for systems engineering activities for Airframe Enhancements and Enhanced Self-Deployment Capabilities. FY 2025 RDT&E, AF funding continues to fund these efforts.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft	<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0401318F
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**Line Item MDAP/MAIS Code:** 212

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	8791 / Block 20 V2 (Capability Improvement)		A		- / 723.671	- / 151.027	- / 148.007	- / 42.795	- / 0.000	- / 42.795
P-3a	1 / Low Cost Modifications (Other)		A		- / 28.402	- / 1.999	- / 4.999	- / 0.000	- / 0.000	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 752.073</b>	<b>- / 153.026</b>	<b>- / 153.006</b>	<b>- / 42.795</b>	<b>- / -</b>	<b>- / 42.795</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	8791 / Block 20 V2 (Capability Improvement)		A		- / 95.357	- / 91.583	- / 79.524	- / 60.409	- / 0.000	- / 1,392.373
P-3a	1 / Low Cost Modifications (Other)		A		- / 4.999	- / 4.999	- / 0.000	- / 4.999	- / 0.000	- / 50.397
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 100.356</b>	<b>- / 96.582</b>	<b>- / 79.524</b>	<b>- / 65.408</b>	<b>- / 0.000</b>	<b>- / 1,442.770</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**  
The primary modification budgeted in FY 2025 is the Block C/20 Upgrade.

8791/Block 20 upgrades consist of 3 major modification groups: 1) Capability; 2) Reliability; 3) Survivability. The Capability modification group includes 1 individual modification. The Reliability modification group includes 11 individual modifications. Lastly, the Survivability modification group includes 2 individual modifications.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5				<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods						<b>Modification Number / Title:</b> 8791 / Block 20 V2		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>					
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	723.671	151.027	148.007	42.795	0.000	42.795	95.357	91.583	79.524	60.409	0.000	1,392.373
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	723.671	151.027	148.007	42.795	0.000	42.795	95.357	91.583	79.524	60.409	0.000	1,392.373
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>723.671</b>	<b>151.027</b>	<b>148.007</b>	<b>42.795</b>	<b>0.000</b>	<b>42.795</b>	<b>95.357</b>	<b>91.583</b>	<b>79.524</b>	<b>60.409</b>	<b>0.000</b>	<b>1,392.373</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	18.222	2.254	3.989	3.738	-	3.738	5.421	6.037	5.776	5.010	0.000	50.447
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

Funds the retrofit of fielded CV-22 aircraft, flight training systems, and systems integration laboratories to the Block C/20 configuration. Modifications encompass numerous engineering change proposals (ECP) that have, or will be placed on contract to address a variety of CV-22 weapon system requirements. Additionally, these funds implement production kits and other equipment resulting from related RDT&E projects in the CV-22 Block C/20 program, including nacelle modifications and enhanced self-deployment capabilities.

The Block C/20 modification program improves readiness, operational safety, suitability, and effectiveness, corrects deficiencies identified during operational testing and/or field operations, improves aircraft reliability/maintainability, enhances the aircraft's self-deployment capability, enables unrestricted access to worldwide airspace, and enhances the effectiveness of defensive aircraft survivability systems. Whenever possible, ECPs/kits are installed in blocks to minimize aircraft down time and maximize efficiency. Some ECPs/kits are being incorporated on aircraft as they progress through the production line. Individual P-3As indicate which modifications are implemented at the Contract Field Team (CFT) or Organizational/Intermediate levels. Installation schedules reflect only CFT installs.

Contractor Method of Implementation includes Contractor Field Team, Contractor Facility, and Organic/Intermediate due to this Block 20 Modification Item efforts having multiple mods and installation methods.

CV-22 modification A and B kit quantities do not match for multiple reasons, the primary reason is not all A kits require a corresponding B kit and many A kits include the required B kit.

Funds also modify and retrofit systems experiencing obsolescence and/or diminishing manufacturing source (DMS) issues, aircraft support equipment, training devices, flight simulators, flight test support, and software. Funding for DMS, flight test support, and software is included in the nonrecurring engineering cost category.

The CV-22 Capability Production Document was approved in Sep 2010.

**Milestone/Development Status**

Airframe Enhancements: Improvement of airframe structures, aircraft electro-mechanical hardware, and dynamic components to counteract the effects of structural fatigue and improve the durability and readiness of V-22 aircraft. Design, development, and testing of redesign support or loadbearing airframe elements to provide structural reinforcement and improved longevity. Enhanced armor protective performance with reduced weight and space impacts are a possible area for development. Airframe Enhancement funds also provide for refinements of hydraulic, landing gear, or fuel system component to improve and protect their performance. Items such as pumps, lines, tanks/reservoirs/bladders and/or struts may receive enhancements to extend their life and improve their maintainability. Finally, Airframe Enhancements explores improvements to all V-22 dynamic components, from rotor blades and heads to gearboxes and flight control surfaces with the goals of protecting them from vibrational and frictional wear and enhancing their reliability and readiness.



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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods					<b>Modification Number / Title:</b> 8791 / Block 20 V2			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> CV-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401318F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 3: Capability</b>													
A Kits													
Recurring													
Capability:INSTALL KITS Group A (Active)	161 / 13.842	68 / 10.096	- / -	12 / 0.300	- / -	12 / 0.300	12 / 0.300	12 / 0.300	23 / 4.000	16 / 2.500	- / -	304 / 31.338	
<b>Subtotal: Recurring</b>	<b>- / 13.842</b>	<b>- / 10.096</b>	<b>- / -</b>	<b>- / 0.300</b>	<b>- / -</b>	<b>- / 0.300</b>	<b>- / 0.300</b>	<b>- / 0.300</b>	<b>- / 4.000</b>	<b>- / 2.500</b>	<b>- / -</b>	<b>- / 31.338</b>	
B Kits													
Recurring													
Capability:EQUIPMENT Group B (Active)	71 / 7.756	- / -	- / 15.054	12 / 1.020	- / -	12 / 1.020	36 / 4.620	63 / 12.946	54 / 20.409	16 / 19.895	- / -	252 / 81.700	
<b>Subtotal: Recurring</b>	<b>- / 7.756</b>	<b>- / -</b>	<b>- / 15.054</b>	<b>- / 1.020</b>	<b>- / -</b>	<b>- / 1.020</b>	<b>- / 4.620</b>	<b>- / 12.946</b>	<b>- / 20.409</b>	<b>- / 19.895</b>	<b>- / -</b>	<b>- / 81.700</b>	
<b>Subtotal: Capability</b>	<b>- / 21.598</b>	<b>- / 10.096</b>	<b>- / 15.054</b>	<b>- / 1.320</b>	<b>- / -</b>	<b>- / 1.320</b>	<b>- / 4.920</b>	<b>- / 13.246</b>	<b>- / 24.409</b>	<b>- / 22.395</b>	<b>- / -</b>	<b>- / 113.038</b>	
<b>Modification Item 2 of 3: Reliability</b>													
A Kits													
Recurring													
Reliability:INSTALL KITS Group A (Active)	203 / 11.578	201 / 63.685	- / -	99 / 8.375	- / -	99 / 8.375	80 / 8.838	80 / 8.046	74 / 7.696	67 / 7.289	- / -	804 / 115.507	
<b>Subtotal: Recurring</b>	<b>- / 11.578</b>	<b>- / 63.685</b>	<b>- / -</b>	<b>- / 8.375</b>	<b>- / -</b>	<b>- / 8.375</b>	<b>- / 8.838</b>	<b>- / 8.046</b>	<b>- / 7.696</b>	<b>- / 7.289</b>	<b>- / -</b>	<b>- / 115.507</b>	
B Kits													
Recurring													
Reliability:EQUIPMENT Group B (Active)	44 / 183.853	43 / 10.703	30 / 45.055	44 / 4.706	- / -	44 / 4.706	22 / 6.138	24 / 7.805	16 / 7.735	52 / 1.900	- / -	275 / 267.895	
<b>Subtotal: Recurring</b>	<b>- / 183.853</b>	<b>- / 10.703</b>	<b>- / 45.055</b>	<b>- / 4.706</b>	<b>- / -</b>	<b>- / 4.706</b>	<b>- / 6.138</b>	<b>- / 7.805</b>	<b>- / 7.735</b>	<b>- / 1.900</b>	<b>- / -</b>	<b>- / 267.895</b>	
<b>Subtotal: Reliability</b>	<b>- / 195.431</b>	<b>- / 74.388</b>	<b>- / 45.055</b>	<b>- / 13.081</b>	<b>- / -</b>	<b>- / 13.081</b>	<b>- / 14.976</b>	<b>- / 15.851</b>	<b>- / 15.431</b>	<b>- / 9.189</b>	<b>- / -</b>	<b>- / 383.402</b>	
<b>Modification Item 3 of 3: Survivability</b>													
A Kits													
Recurring													
Survivability:INSTALL KITS Group A (Active)	5 / 4.000	8 / 0.055	13 / 0.067	13 / 0.069	- / -	13 / 0.069	13 / 0.071	- / -	- / -	- / -	- / -	52 / 4.262	
<b>Subtotal: Recurring</b>	<b>- / 4.000</b>	<b>- / 0.055</b>	<b>- / 0.067</b>	<b>- / 0.069</b>	<b>- / -</b>	<b>- / 0.069</b>	<b>- / 0.071</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 4.262</b>	
B Kits													
Recurring													
Survivability:EQUIPMENT Group B (Active)	15 / 14.750	- / 6.300	6 / 8.116	22 / 7.524	- / -	22 / 7.524	22 / 7.997	- / -	- / -	- / -	- / -	65 / 44.687	
<b>Subtotal: Recurring</b>	<b>- / 14.750</b>	<b>- / 6.300</b>	<b>- / 8.116</b>	<b>- / 7.524</b>	<b>- / -</b>	<b>- / 7.524</b>	<b>- / 7.997</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 44.687</b>	
<b>Subtotal: Survivability</b>	<b>- / 18.750</b>	<b>- / 6.355</b>	<b>- / 8.183</b>	<b>- / 7.593</b>	<b>- / -</b>	<b>- / 7.593</b>	<b>- / 8.068</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 48.949</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5					<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods					<b>Modification Number / Title:</b> 8791 / Block 20 V2			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> CV-22				<b>Modification Type:</b> Capability Improvement				<b>Related RDT&amp;E PEs:</b> 0401318F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<i>Subtotal: Procurement, All Modification Items</i>	- / 235.779	- / 90.839	- / 68.292	- / 21.994	- / -	- / 21.994	- / 27.964	- / 29.097	- / 39.840	- / 31.584	- / -	- / 545.389	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / 245.209	- / 13.619	- / 27.250	- / 0.513	- / -	- / 0.513	- / 37.745	- / 35.860	- / -	- / -	- / -	- / 360.196	
PSC - Contractor Services	- / 148.479	- / 6.455	- / 6.678	- / 8.580	- / -	- / 8.580	- / 7.293	- / 7.511	- / 7.737	- / 7.969	- / -	- / 100.702	
Mod of Spares	- / 18.156	- / 2.225	- / 2.500	- / 2.100	- / -	- / 2.100	- / 2.100	- / 2.100	- / 2.100	- / 2.100	- / -	- / 23.381	
Data	- / 30.156	- / 6.622	- / 6.567	- / 3.385	- / -	- / 3.385	- / 3.136	- / 2.807	- / 2.890	- / 2.977	- / -	- / 58.540	
SIM/TRAINER	44 / 46.973	5 / 3.518	7 / 12.750	- / -	- / -	- / -	7 / 8.727	- / -	7 / 9.000	- / -	- / -	70 / 80.968	
SUPPORT-EQUIP	- / 136.472	- / 18.459	- / 17.845	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 52.776	
OTHER GOVT	- / 150.888	- / 14.492	- / 15.491	- / 0.258	- / -	- / 0.258	- / 0.265	- / 0.273	- / 0.281	- / 0.290	- / -	- / 62.238	
<i>Subtotal: Support</i>	44 / 466.333	5 / 45.390	7 / 69.081	- / 14.836	- / -	- / 14.836	7 / 59.266	- / 48.551	7 / 22.008	- / 13.336	- / -	70 / 738.801	
<b>Installation</b>													
<b>Modification Item 1 of 3:</b> Capability	58 / 8.009	13 / 4.095	- / -	12 / 0.000	- / -	12 / 0.000	36 / 1.320	63 / 6.330	54 / 13.848	16 / 15.489	- / -	252 / 49.091	
<b>Modification Item 2 of 3:</b> Reliability	44 / 8.354	43 / 10.703	30 / 9.458	44 / 5.880	- / -	44 / 5.880	22 / 6.720	24 / 7.515	16 / 3.735	52 / 0.000	- / -	275 / 52.365	
<b>Modification Item 3 of 3:</b> Survivability	15 / 5.196	- / -	6 / 1.176	22 / 0.085	- / -	22 / 0.085	22 / 0.087	0 / 0.090	0 / 0.093	- / -	- / -	65 / 6.727	
<i>Subtotal: Installation</i>	117 / 21.559	56 / 14.798	36 / 10.634	78 / 5.965	- / -	78 / 5.965	80 / 8.127	87 / 13.935	70 / 17.676	68 / 15.489	- / -	592 / 108.183	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>723.671</b>	<b>151.027</b>	<b>148.007</b>	<b>42.795</b>	<b>0.000</b>	<b>42.795</b>	<b>95.357</b>	<b>91.583</b>	<b>79.524</b>	<b>60.409</b>	<b>0.000</b>	<b>1,392.373</b>	



**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** V02200 / CV-22 Mods **Modification Number / Title:** 8791 / Block 20 V2

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 3:** Capability

**Manufacturer Information**

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 7

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates			Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	58 / 8.009	13 / 4.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	71 / 12.104
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	12 / 0.000	- / -	12 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.000
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	36 / 1.320	- / -	- / -	- / -	- / -	36 / 1.320
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 6.330	- / -	- / -	- / -	63 / 6.330
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 13.848	- / -	- / -	54 / 13.848
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 15.489	- / -	16 / 15.489
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	58 / 8.009	13 / 4.095	- / -	12 / 0.000	- / -	12 / 0.000	36 / 1.320	63 / 6.330	54 / 13.848	16 / 15.489	- / -	252 / 49.091

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	58	3	3	4	3	-	-	-	-	3	3	3	3	9	9	9	9	15	16	16	16	13	13	14	14	4	4	4	4	0	252
Out	58	3	3	4	3	-	-	-	-	3	3	3	3	9	9	9	9	15	16	16	16	13	13	14	14	4	4	4	4	0	252

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** V02200 / CV-22 Mods **Modification Number / Title:** 8791 / Block 20 V2

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 2 of 3:** Reliability

**Manufacturer Information**

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 7

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028
Delivery Dates	Jul 2023	Jul 2024	Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	44 / 8.354	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 8.354
FY 2023	- / -	43 / 10.703	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 10.703
FY 2024	- / -	- / -	30 / 9.458	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 9.458
FY 2025	- / -	- / -	- / -	44 / 5.880	- / -	44 / 5.880	- / -	- / -	- / -	- / -	- / -	44 / 5.880
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	22 / 6.720	- / -	- / -	- / -	- / -	22 / 6.720
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 7.515	- / -	- / -	- / -	24 / 7.515
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 3.735	- / -	- / -	16 / 3.735
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 0.000	- / -	52 / 0.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	44 / 8.354	43 / 10.703	30 / 9.458	44 / 5.880	- / -	44 / 5.880	22 / 6.720	24 / 7.515	16 / 3.735	52 / 0.000	- / -	275 / 52.365

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	44	14	14	15	-	7	7	8	8	11	11	11	11	5	5	6	6	6	6	6	6	4	4	4	4	13	13	13	13	0	275
Out	44	14	14	15	-	7	7	8	8	11	11	11	11	5	5	6	6	6	6	6	6	4	4	4	4	13	13	13	13	0	275

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods	<b>Modification Number / Title:</b> 8791 / Block 20 V2
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 3 of 3:** Survivability

**Manufacturer Information**

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 2 Production Leadtime (in Months): 7

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Dec 2023	Dec 2024	Dec 2025			
Delivery Dates		Jul 2024	Jul 2025	Jul 2026			

**Installation Information**

**Method of Implementation:** Contract Field Team

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	15 / 5.196	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 5.196
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	6 / 1.176	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.176
FY 2025	- / -	- / -	- / -	22 / 0.085	- / -	22 / 0.085	- / -	- / -	- / -	- / -	- / -	22 / 0.085
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	22 / 0.087	0 / 0.090	0 / 0.093	- / -	- / -	22 / 0.270
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>	15 / 5.196	- / -	6 / 1.176	22 / 0.085	- / -	22 / 0.085	22 / 0.087	0 / 0.090	0 / 0.093	- / -	- / -	65 / 6.727

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	-	-	-	-	1	1	2	2	5	5	6	6	5	5	6	6	-	-	-	-	-	-	-	-	-	-	-	-	0	65
Out	15	-	-	-	-	1	1	2	2	5	5	6	6	5	5	6	6	-	-	-	-	-	-	-	-	-	-	-	-	0	65

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5	<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods	<b>Modification Number / Title:</b> 1 / Low Cost Modifications

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	28.402	1.999	4.999	0.000	0.000	0.000	4.999	4.999	0.000	4.999	0.000	50.397
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	28.402	1.999	4.999	0.000	0.000	0.000	4.999	4.999	0.000	4.999	0.000	50.397
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>28.402</b>	<b>1.999</b>	<b>4.999</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>4.999</b>	<b>4.999</b>	<b>0.000</b>	<b>4.999</b>	<b>0.000</b>	<b>50.397</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This funds low cost modifications for CV-22 weapon system and training devices that are necessary to maintain operational safety, suitability, and effectiveness.

Milestone/Development Status

N/A

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3010F / 05 / 5 **P-1 Line Item Number / Title:** V02200 / CV-22 Mods **Modification Number / Title:** 1 / Low Cost Modifications

**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Models of Systems Affected:** CV-22 **Modification Type:** Other **Related RDT&E PEs:** 0401318F

Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
<i>Modification Item 1 of 1:</i> LCM												
A Kits												
Recurring												
LCM:INSTALL KITS Group A (Active)	0 / 28.402	- / 1.999	- / 4.999	- / -	- / -	- / -	- / 4.999	- / 4.999	- / -	- / 4.999	- / -	0 / 50.397
<i>Subtotal: Recurring</i>	- / 28.402	- / 1.999	- / 4.999	- / -	- / -	- / -	- / 4.999	- / 4.999	- / -	- / 4.999	- / -	- / 50.397
<i>Subtotal: LCM</i>	- / 28.402	- / 1.999	- / 4.999	- / -	- / -	- / -	- / 4.999	- / 4.999	- / -	- / 4.999	- / -	- / 50.397
<i>Subtotal: Procurement, All Modification Items</i>	- / 28.402	- / 1.999	- / 4.999	- / -	- / -	- / -	- / 4.999	- / 4.999	- / -	- / 4.999	- / -	- / 50.397
<b>Installation</b>												
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>28.402</b>	<b>1.999</b>	<b>4.999</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>4.999</b>	<b>4.999</b>	<b>0.000</b>	<b>4.999</b>	<b>0.000</b>	<b>50.397</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3010F / 05 / 5			<b>P-1 Line Item Number / Title:</b> V02200 / CV-22 Mods			<b>Modification Number / Title:</b> 1 / Low Cost Modifications	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> LCM							
<b>Manufacturer Information</b>							
Manufacturer Name: Bell-Boeing				Manufacturer Location: Amarillo TX			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		