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**Department of Defense
Fiscal Year (FY) 2024 Budget Estimates**

March 2023



Air Force

Justification Book Volume 1 of 2

Aircraft Procurement, Air Force

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Air Force • Budget Estimates FY 2024 • Procurement

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Appropriation Language
Fiscal Year (FY) 2024 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, \$20,315,204,000 to remain available for obligations until September 30, 2026.

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Department of the Air Force
 FY 2024 President's Budget
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Mar 2023

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2022 Actuals		FY 2023 Less Supplementals Enactment		FY 2023 Supplementals Enactment		
Line	Ident	Se		Quantity	Cost	Quantity	Cost	Quantity	Cost*	
No	Item	Nomenclature	Code	c						
<u>Budget Activity 01: Combat aircraft</u>										
Strategic Offensive										
1	B-21 Raider		A	U			(1,406,458)			
	Less: Advance Procurement (PY)						(-108,027)			
							1,298,431			
2	B-21 Raider									
	Advance Procurement (CY)				108,027		353,165			
	C (FY 2022 for FY 2023) (M)				(108,027)					
	C (FY 2023 for FY 2024) (M)						(353,165)			
	C (FY 2024 for FY 2025) (M)									
Tactical Forces										
3	F-35		A	U	41	(4,764,804)	43	(4,736,604)		
	Less: Advance Procurement (PY)					(-547,200)		(-491,136)		
							41	4,217,604	43	4,245,468
4	F-35									
	Advance Procurement (CY)				342,536		236,702			
	C (FY 2022 for FY 2023) (M)				(342,536)					

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3010 Aircraft Procurement, Air Force

Line		Ident	Se	FY 2023 Total Enactment		FY 2024 Request	
No	Item Nomenclature	Code	c	Quantity	Cost	Quantity	Cost
<u>Budget Activity 01: Combat aircraft</u>							
Strategic Offensive							
1	B-21 Raider	A	U		(1,406,458)		(1,970,258)
	Less: Advance Procurement (PY)				(-108,027)		(-353,165)
					1,298,431		1,617,093
2	B-21 Raider						
	Advance Procurement (CY)				353,165		708,000
	C (FY 2022 for FY 2023) (M)						
	C (FY 2023 for FY 2024) (M)				(353,165)		
	C (FY 2024 for FY 2025) (M)						(708,000)
Tactical Forces							
3	F-35	A	U	43	(4,736,604)	48	(5,113,823)
	Less: Advance Procurement (PY)				(-491,136)		(-236,702)
				43	4,245,468	48	4,877,121
4	F-35						
	Advance Procurement (CY)				236,702		402,000
	C (FY 2022 for FY 2023) (M)						

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Line		Ident	Se						
No	Item Nomenclature	Code	c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
	C (FY 2023 for FY 2024) (M)						(236,702)		
	C (FY 2024 for FY 2025) (M)								
5	F-15EX	A	U	10	(1,237,940)	24	(2,465,287)		
	Less: Advance Procurement (PY)				(-133,500)		(-147,919)		
				10	1,104,440	24	2,317,368		
6	F-15EX								
	Advance Procurement (CY)				147,919		264,000		
	C (FY 2022 for FY 2023) (M)				(147,919)				
	C (FY 2023 for FY 2024) (M)						(264,000)		
	C (FY 2024 for FY 2025) (M)								
	Total Combat aircraft			51	5,920,526	67	8,715,134		
<u>Budget Activity 02: Airlift aircraft</u>									
Tactical Airlift									
7	KC-46A MDAP	A	U	14	2,289,015	15	2,458,717		
Other Airlift									
8	C-130J	A	U	20	2,385,206	16	1,775,293		

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3010 Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
	C (FY 2023 for FY 2024) (M)				(236,702)		
	C (FY 2024 for FY 2025) (M)						(402,000)
5	F-15EX	A	U	24	(2,465,287)	24	(2,934,039)
	Less: Advance Procurement (PY)				(-147,919)		(-264,000)
				24	2,317,368	24	2,670,039
6	F-15EX						
	Advance Procurement (CY)				264,000		228,000
	C (FY 2022 for FY 2023) (M)						
	C (FY 2023 for FY 2024) (M)				(264,000)		
	C (FY 2024 for FY 2025) (M)						(228,000)
	Total Combat aircraft			67	8,715,134	72	10,502,253

Budget Activity 02: Airlift aircraft

Tactical Airlift

7	KC-46A MDAP	A	U	15	2,458,717	15	2,882,590
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Other Airlift

8	C-130J	A	U	16	1,775,293		34,921
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Line No	Item Nomenclature	Ident Code	Se c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
9	MC-130J	A	U	3	(266,049)		(40,351)		
	Less: Advance Procurement (PY)				(-46,000)				
				3	220,049		40,351		
Total Airlift aircraft				37	4,894,270	31	4,274,361		
<u>Budget Activity 03: Trainer aircraft</u>									
UPT Trainers									
10	Advanced Pilot Training T-7A	A	U				10,507		
Total Trainer aircraft							10,507		
<u>Budget Activity 04: Other aircraft</u>									
Helicopters									
11	MH-139A	A	U	8	141,360	5	186,192		
12	Combat Rescue Helicopter	A	U	14	743,921	20	1,205,995		
Mission Support Aircraft									
13	Civil Air Patrol A/C	A	U		11,400		11,600		

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3010 Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
9	MC-130J	A	U		(40,351)		
	Less: Advance Procurement (PY)						
					40,351		
Total Airlift aircraft				31	4,274,361	15	2,917,511

Budget Activity 03: Trainer aircraft

UPT Trainers

10	Advanced Pilot Training T-7A	A	U		10,507		
Total Trainer aircraft					10,507		

Budget Activity 04: Other aircraft

Helicopters

11	MH-139A	A	U	5	186,192	7	228,807
12	Combat Rescue Helicopter	A	U	20	1,205,995		282,533

Mission Support Aircraft

13	Civil Air Patrol A/C	A	U		11,600		3,013
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Line	Item Nomenclature	Ident Code	Se c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
Other Aircraft									
14	Pale Ale	A	U			1	28,500		
15	Target Drones	A	U	22	112,443	27	113,706		
16	Compass Call	A	U			4	553,700		
17	E-11 BACN/HAG	A	U	2	124,435	1	66,847		
18	MQ-9	A	U	4	92,267		16,039		
Total Other aircraft				50	1,225,826	58	2,182,579		

Budget Activity 05: Modification of inservice aircraft

Strategic Aircraft

19	B-2A	A	U		23,278		89,217		
20	B-1B	A	U		27,406		36,313		
21	B-52	A	U		70,420		106,784		
22	Large Aircraft Infrared Countermeasures	A	U		57,001		37,286		

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Appropriation: 3010 Aircraft Procurement, Air Force

Line		Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
No	Item Nomenclature			Quantity	Cost	Quantity	Cost
Other Aircraft							
14	Pale Ale	A	U	1	28,500		
15	Target Drones	A	U	27	113,706	20	42,226
16	Compass Call	A	U	4	553,700		
17	E-11 BACN/HAG	A	U	1	66,847	1	67,367
18	MQ-9	A	U		16,039		
Total Other aircraft				58	2,182,579	28	623,946

Budget Activity 05: Modification of inservice aircraft

Strategic Aircraft

19	B-2A	A	U		89,217		107,980
20	B-1B	A	U		36,313		12,757
21	B-52	A	U		106,784		65,815
22	Large Aircraft Infrared Countermeasures	A	U		37,286		21,723

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Line			Ident	Se						
No	Item	Nomenclature	Code	c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
Tactical Aircraft										
23	A-10		A	U		63,313		83,972		
24	E-11	BACN/HAG	A	U		64,244		20,609		
25	F-15		A	U		162,473		194,379		
26	F-16		A	U		599,320		741,334		
27	F-22A		A	U		407,927		747,933		
28	F-35	Modifications	A	U		247,928		333,096		
29	F-15	EPAW	A	U	18	163,816	19	259,837		
30	KC-46A	MDAP	A	U		1,984		467		
Airlift Aircraft										
31	C-5		A	U		20,330		15,673		
32	C-17A		A	U		54,649		142,653		

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line		Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
No	Item Nomenclature			Quantity	Cost	Quantity	Cost
Tactical Aircraft							
23	A-10	A	U		83,972		
24	E-11 BACN/HAG	A	U		20,609		58,923
25	F-15	A	U		194,379		34,830
26	F-16	A	U		741,334		297,342
27	F-22A	A	U		747,933		794,676
28	F-35 Modifications	A	U		333,096		451,798
29	F-15 EPAW	A	U	19	259,837	0	280,658
30	KC-46A MDAP	A	U		467		
Airlift Aircraft							
31	C-5	A	U		15,673		24,377
32	C-17A	A	U		142,653		140,560

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Line	Item	Nomenclature	Ident Code	Se c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
33	C-32A		A	U		1,949		4,068		
34	C-37A		A	U		5,984		6,062		
Trainer Aircraft										
35	Glider Mods		A	U		142		149		
36	T-6		A	U		8,735		6,215		
37	T-1		A	U		872		6,262		
38	T-38		A	U		45,039		97,485		
Other Aircraft										
39	Spectrum Relocation Fund		A	U		471				
40	U-2 Mods			U		125,109		81,650		
41	KC-10A (ATCA)		A	U		1,902		1,722		
42	C-12		A	U						

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
33	C-32A	A	U		4,068		19,060
34	C-37A	A	U		6,062		13,454
Trainer Aircraft							
35	Glider Mods	A	U		149		5,270
36	T-6	A	U		6,215		2,942
37	T-1	A	U		6,262		10,950
38	T-38	A	U		97,485		125,340
Other Aircraft							
39	Spectrum Relocation Fund	A	U				
40	U-2 Mods		U		81,650		54,727
41	KC-10A (ATCA)	A	U		1,722		
42	C-12	A	U				446

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Line No	Item Nomenclature	Ident Code	Se c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
43	C-21	A	U				2,024		
44	VC-25A Mod	A	U		96		2,146		
45	C-40	A	U		10,262		37,197		
46	C-130	A	U		272,251		224,702		
47	C-130J Mods	A	U		110,784		112,299		
48	C-135	A	U		58,776		144,557		
49	Compass Call	A	U		195,098		327,330		
50	combat flight inspection - CFIN	A	U						
51	RC-135	A	U		213,495		213,428		
52	E-3	A	U		91,301		29,187		
53	E-4	A	U		19,081		5,973		
54	E-8	A	U		7,500				

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
43	C-21	A	U		2,024		
44	VC-25A Mod	A	U		2,146		29,707
45	C-40	A	U		37,197		8,921
46	C-130	A	U		224,702		71,177
47	C-130J Mods	A	U		112,299		121,258
48	C-135	A	U		144,557		153,595
49	Compass Call	A	U		327,330		144,686
50	combat flight inspection - CFIN	A	U				446
51	RC-135	A	U		213,428		220,138
52	E-3	A	U		29,187		1,350
53	E-4	A	U		5,973		13,055
54	E-8	A	U				

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Appropriation: 3010 Aircraft Procurement, Air Force			FY 2022 Actuals		FY 2023 Less Supplementals Enactment		FY 2023 Supplementals Enactment		
Line No	Item Nomenclature	Ident Code	Se c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
55	Airborne Warning and Cntrl Sys (AWACS) 40/45	A	U		24,827				
56	H-1	A	U		1,533		1,757		
57	H-60	A	U		9,109		10,820		
58	HH60W Modifications	A	U				3,083		
59	RQ-4 Mods	A	U		3,205		1,286		
60	HC/MC-130 Modifications	A	U		147,993		109,785		
61	Other Aircraft	A	U		54,828		41,796		
62	MQ-9 Mods	A	U		166,786		211,507		
63	MQ-9 UAS Payloads	A	U		45,201				
64	Senior Leader C3 System - Aircraft	A	U		28,265		24,784		
65	CV-22 Mods	A	U		226,962		153,026		
Total Modification of inservice aircraft				18	3,841,645	19	4,669,853		

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
55	Airborne Warning and Cntrl Sys (AWACS) 40/45	A	U				
56	H-1	A	U		1,757		816
57	H-60	A	U		10,820		4,207
58	HH60W Modifications	A	U		3,083		
59	RQ-4 Mods	A	U		1,286		
60	HC/MC-130 Modifications	A	U		109,785		101,055
61	Other Aircraft	A	U		41,796		54,134
62	MQ-9 Mods	A	U		211,507		98,063
63	MQ-9 UAS Payloads	A	U				
64	Senior Leader C3 System - Aircraft	A	U		24,784		24,847
65	CV-22 Mods	A	U		153,026		153,006
Total Modification of inservice aircraft				19	4,669,853	0	3,724,089

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Line		Ident	Se	Quantity	Cost	Quantity	Cost	Quantity	Cost*
No	Item Nomenclature	Code	c						
<u>Budget Activity 06: Aircraft spares and repair parts</u>									
Aircraft Spares and Repair Parts									
66	Initial Spares/Repair Parts	A	U		1,006,161		677,253		
Total Aircraft spares and repair parts					1,006,161		677,253		
<u>Budget Activity 07: Aircraft support equipment and facilities</u>									
Common Support Equipment									
67	Aircraft Replacement Support Equip	A	U		127,045		138,935		
Post Production Support									
68	B-2A	A	U		1,651		1,802		
69	B-2B	A	U		39,929		36,325		
70	B-52	A	U		3,602		5,883		
71	C-5	A	U				18,000		
72	MC-130J	A	U						

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Appropriation: 3010 Aircraft Procurement, Air Force

Line		Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
No	Item Nomenclature			Quantity	Cost	Quantity	Cost
<u>Budget Activity 06: Aircraft spares and repair parts</u>							
Aircraft Spares and Repair Parts							
66	Initial Spares/Repair Parts	A	U		677,253		781,521
Total Aircraft spares and repair parts					677,253		781,521
<u>Budget Activity 07: Aircraft support equipment and facilities</u>							
Common Support Equipment							
67	Aircraft Replacement Support Equip	A	U		138,935		157,664
Post Production Support							
68	B-2A	A	U		1,802		1,838
69	B-2B	A	U		36,325		15,207
70	B-52	A	U		5,883		
71	C-5	A	U		18,000		
72	MC-130J	A	U				10,117

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 Total Obligational Authority
 3010F Detail
 (Dollars in Thousands)

Mar 2023

Appropriation: 3010 Aircraft Procurement, Air Force					FY 2022 Actuals		FY 2023 Less Supplementals Enactment		FY 2023 Supplementals Enactment	
Line	Item	Nomenclature	Ident	Se	Quantity	Cost	Quantity	Cost	Quantity	Cost*
No			Code	c						
73	F-15		A	U		2,324		2,764		
74	F-16		A	U		10,456		5,102		
75	F-22A		A	U						
76	HC/MC-130	Modifications	A	U				20,000		
77	MQ-9	Post Prod	A	U				7,069		
78	RQ-4	Post Production Charges	A	U		24,133		40,845		
Industrial Preparedness										
79	Industrial	Responsiveness	A	U		18,071		35,328		
War Consumables										
80	War	Consumables	A	U		32,066		31,165		
Other Production Charges										
81	Other	Production Charges	A	U		1,096,369		1,305,178		

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Department of the Air Force
 FY 2024 President's Budget
 Exhibit P-1 FY 2024 President's Budget
 Total Obligational Authority
 3010F Detail
 (Dollars in Thousands)

Mar 2023

Appropriation: 3010 Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
73	F-15	A	U		2,764		
74	F-16	A	U		5,102		1,075
75	F-22A	A	U				38,418
76	HC/MC-130 Modifications	A	U		20,000		
77	MQ-9 Post Prod	A	U		7,069		
78	RQ-4 Post Production Charges	A	U		40,845		
Industrial Preparedness							
79	Industrial Responsiveness	A	U		35,328		18,874
War Consumables							
80	War Consumables	A	U		31,165		27,482
Other Production Charges							
81	Other Production Charges	A	U		1,305,178		1,478,044

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Department of the Air Force
 FY 2024 President's Budget
 Exhibit P-1 FY 2024 President's Budget
 Total Obligational Authority
 3010F Detail
 (Dollars in Thousands)

Mar 2023

Appropriation: 3010 Aircraft Procurement, Air Force				FY 2022 Actuals		FY 2023 Less Supplementals Enactment		FY 2023 Supplementals Enactment	
Line		Ident	Se						
No	Item Nomenclature	Code	c	Quantity	Cost	Quantity	Cost	Quantity	Cost*
83	Cancelled Acct Adjustments	A	U		498				
Classified Programs									
999	Classified Programs		U		18,092		18,092		
Total Aircraft support equipment and facilities					1,374,236		1,666,488		
Total Aircraft Procurement, Air Force					156	18,262,664	175	22,196,175	

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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Department of the Air Force
 FY 2024 President's Budget
 Exhibit P-1 FY 2024 President's Budget
 Total Obligational Authority
 3010F Detail
 (Dollars in Thousands)

Mar 2023

Appropriation: 3010 Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	Se c	FY 2023 Total Enactment		FY 2024 Request	
				Quantity	Cost	Quantity	Cost
83	Cancelled Acct Adjustments	A	U				
Classified Programs							
999	Classified Programs		U		18,092		17,165
Total Aircraft support equipment and facilities					1,666,488		1,765,884
Total Aircraft Procurement, Air Force				175	22,196,175	115	20,315,204

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Air Force • Budget Estimates FY 2024 • Procurement

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Appropriation 3010F: Aircraft Procurement, Air Force

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1	01	01	B02100	B-21 Raider.....	Volume 1 - 1
2	01	01	B02100	B-21 Raider, Advance Procurement.....	Volume 1 - 5
3	01	03	ATA000	F-35.....	Volume 1 - 9
4	01	03	ATA000	F-35, Advance Procurement.....	Volume 1 - 21
5	01	03	F015EX	F-15EX.....	Volume 1 - 25
6	01	03	F015EX	F-15EX, Advance Procurement.....	Volume 1 - 35

Appropriation 3010F: Aircraft Procurement, Air Force

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7	02	02	KC046A	KC-46A MDAP.....	Volume 1 - 39
8	02	03	C130J0	C-130J.....	Volume 1 - 53
9	02	03	C130JM	MC-130J.....	Volume 1 - 57

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Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
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Appropriation 3010F: Aircraft Procurement, Air Force

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11	04	01	H0106O	MH-139A.....	Volume 1 - 65
12	04	01	H060WH	Combat Rescue Helicopter.....	Volume 1 - 73
13	04	04	CAPAC0	Civil Air Patrol A/C.....	Volume 1 - 85
14	04	05	10PALE	Pale Ale.....	Volume 1 - 87
15	04	05	10TRGT	Target Drones.....	Volume 1 - 89
16	04	05	CALL00	Compass Call.....	Volume 1 - 91
17	04	05	E011A1	E-11 BACN/HAG.....	Volume 1 - 93
18	04	05	PRDTB1	MQ-9.....	Volume 1 - 101

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Appropriation 3010F: Aircraft Procurement, Air Force

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21	05	01	B05200	B-52.....	Volume 2 - 37
22	05	01	LAIRCM	Large Aircraft Infrared Countermeasures.....	Volume 2 - 61
23	05	02	A01000	A-10.....	Volume 2 - 75
24	05	02	E011A0	E-11 BACN/HAG.....	Volume 2 - 77
25	05	02	F01500	F-15.....	Volume 2 - 95
26	05	02	F01600	F-16.....	Volume 2 - 113
27	05	02	F02200	F-22A.....	Volume 2 - 141
28	05	02	F03500	F-35 Modifications.....	Volume 2 - 183
29	05	02	F15EWS	F-15 EPAW.....	Volume 2 - 261
30	05	02	KC046A	KC-46A MDAP.....	Volume 2 - 267
31	05	03	C00500	C-5.....	Volume 2 - 269
32	05	03	C01700	C-17A.....	Volume 2 - 279
33	05	03	C03200	C-32A.....	Volume 2 - 293
34	05	03	C03700	C-37A.....	Volume 2 - 303

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Appropriation 3010F: Aircraft Procurement, Air Force

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36	05	04	JPAT00	T-6.....	Volume 2 - 311
37	05	04	T00100	T-1.....	Volume 2 - 313
38	05	04	T03800	T-38.....	Volume 2 - 319
40	05	05	11U200	U-2 Mods.....	Volume 2 - 335
41	05	05	C01000	KC-10A (ATCA).....	Volume 2 - 343
42	05	05	C01200	C-12.....	Volume 2 - 345
43	05	05	C02100	C-21.....	Volume 2 - 347
44	05	05	C02500	VC-25A Mod.....	Volume 2 - 349
45	05	05	C04000	C-40.....	Volume 2 - 355
46	05	05	C13000	C-130.....	Volume 2 - 361
47	05	05	C1300J	C-130J Mods.....	Volume 2 - 373
48	05	05	C13500	C-135.....	Volume 2 - 389
49	05	05	CALL00	Compass Call.....	Volume 2 - 421
50	05	05	CFIN00	combat flight inspection - CFIN.....	Volume 2 - 433
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Appropriation 3010F: Aircraft Procurement, Air Force

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56	05	05	H00100	H-1.....	Volume 2 - 467
57	05	05	H06000	H-60.....	Volume 2 - 469
58	05	05	H060WM	HH60W Modifications.....	Volume 2 - 471
60	05	05	HCMC00	HC/MC-130 Modifications.....	Volume 2 - 473
61	05	05	OTHACF	Other Aircraft.....	Volume 2 - 499
62	05	05	PRDTB2	MQ-9 Mods.....	Volume 2 - 507
63	05	05	PRDTB3	MQ-9 UAS Payloads.....	Volume 2 - 541
64	05	05	SLC3SA	Senior Leader C3 System - Aircraft.....	Volume 2 - 543
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71	07	02	C00500	C-5.....	Volume 1 - 161
72	07	02	C130JM	MC-130J.....	Volume 1 - 163
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74	07	02	F0160P	F-16.....	Volume 1 - 169
75	07	02	F02200	F-22A.....	Volume 1 - 171
76	07	02	HCMC00	HC/MC-130 Modifications.....	Volume 1 - 175
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80	07	04	000074	War Consumables.....	Volume 1 - 185
81	07	05	000075	Other Production Charges.....	Volume 1 - 189

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Aircraft Replacement Support Equip	000071	67	07	01.....	Volume 1 - 115
B-1B	B01B00	20	05	01.....	Volume 2 - 27
B-21 Raider	B02100	1	01	01.....	Volume 1 - 1
B-21 Raider, Advance Procurement	B02100	2	01	01.....	Volume 1 - 5
B-2A	B00200	68	07	02.....	Volume 1 - 153
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B-2B	B002B0	69	07	02.....	Volume 1 - 155
B-52	B05200	70	07	02.....	Volume 1 - 159
B-52	B05200	21	05	01.....	Volume 2 - 37
C-12	C01200	42	05	05.....	Volume 2 - 345
C-130	C13000	46	05	05.....	Volume 2 - 361
C-130J	C130J0	8	02	03.....	Volume 1 - 53
C-130J Mods	C1300J	47	05	05.....	Volume 2 - 373
C-135	C13500	48	05	05.....	Volume 2 - 389

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C-37A	C03700	34	05	03.....	Volume 2 - 303
C-40	C04000	45	05	05.....	Volume 2 - 355
C-5	C00500	71	07	02.....	Volume 1 - 161
C-5	C00500	31	05	03.....	Volume 2 - 269
CV-22 Mods	V02200	65	05	05.....	Volume 2 - 551
Civil Air Patrol A/C	CAPAC0	13	04	04.....	Volume 1 - 85
Combat Rescue Helicopter	H060WH	12	04	01.....	Volume 1 - 73
Compass Call	CALL00	16	04	05.....	Volume 1 - 91
Compass Call	CALL00	49	05	05.....	Volume 2 - 421
E-11 BACN/HAG	E011A1	17	04	05.....	Volume 1 - 93
E-11 BACN/HAG	E011A0	24	05	02.....	Volume 2 - 77
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F-16	F01600	26	05	02.....	Volume 2 - 113
F-22A	F02200	75	07	02.....	Volume 1 - 171
F-22A	F02200	27	05	02.....	Volume 2 - 141
F-35	ATA000	3	01	03.....	Volume 1 - 9
F-35, Advance Procurement	ATA000	4	01	03.....	Volume 1 - 21
F-35 Modifications	F03500	28	05	02.....	Volume 2 - 183
Glider Mods	GLID00	35	05	04.....	Volume 2 - 309
H-1	H00100	56	05	05.....	Volume 2 - 467
H-60	H06000	57	05	05.....	Volume 2 - 469
HC/MC-130 Modifications	HCMC00	76	07	02.....	Volume 1 - 175
HC/MC-130 Modifications	HCMC00	60	05	05.....	Volume 2 - 473
HH60W Modifications	H060WM	58	05	05.....	Volume 2 - 471
Industrial Responsiveness	000073	79	07	03.....	Volume 1 - 181
Initial Spares/Repair Parts	000999	66	06	10.....	Volume 1 - 107
KC-10A (ATCA)	C01000	41	05	05.....	Volume 2 - 343
KC-46A MDAP	KC046A	7	02	02.....	Volume 1 - 39
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MH-139A	H0106O	11	04	01.....	Volume 1 - 65
MQ-9	PRDTB1	18	04	05.....	Volume 1 - 101
MQ-9 Mods	PRDTB2	62	05	05.....	Volume 2 - 507
MQ-9 Post Prod	PRDTB5	77	07	02.....	Volume 1 - 177
MQ-9 UAS Payloads	PRDTB3	63	05	05.....	Volume 2 - 541
Other Aircraft	OTHACF	61	05	05.....	Volume 2 - 499
Other Production Charges	000075	81	07	05.....	Volume 1 - 189
Pale Ale	10PALE	14	04	05.....	Volume 1 - 87
RC-135	DARP01	51	05	05.....	Volume 2 - 435
RQ-4 Post Production Charges	RQ4DIS	78	07	02.....	Volume 1 - 179
Senior Leader C3 System - Aircraft	SLC3SA	64	05	05.....	Volume 2 - 543
T-1	T00100	37	05	04.....	Volume 2 - 313
T-38	T03800	38	05	04.....	Volume 2 - 319
T-6	JPAT00	36	05	04.....	Volume 2 - 311
Target Drones	10TRGT	15	04	05.....	Volume 1 - 89
U-2 Mods	11U200	40	05	05.....	Volume 2 - 335
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Air Force • Budget Estimates FY 2024 • Procurement

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combat flight inspection - CFIN	CFIN00	50	05	05.....	Volume 2 - 433

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Department of the Air Force
 FY 2024 President's Budget
 Exhibit P-1 FY 2024 President's Budget
 Total Obligational Authority
 3010F BA Summary
 (Dollars in Thousands)

Mar 2023

Appropriation: Aircraft Procurement, Air Force	FY 2022 Actuals	FY 2023 Less Supplementals Enactment	FY 2023 Supplementals Enactment*	FY 2023 Total Enactment	FY 2024 Request
<u>Budget Activity</u>					
01. Combat aircraft	5,920,526	8,715,134		8,715,134	10,502,253
02. Airlift aircraft	4,894,270	4,274,361		4,274,361	2,917,511
03. Trainer aircraft		10,507		10,507	
04. Other aircraft	1,225,826	2,182,579		2,182,579	623,946
05. Modification of inservice aircraft	3,841,645	4,669,853		4,669,853	3,724,089
06. Aircraft spares and repair parts	1,006,161	677,253		677,253	781,521
07. Aircraft support equipment and facilities	1,374,236	1,666,488		1,666,488	1,765,884
Total Aircraft Procurement, Air Force	18,262,664	22,196,175		22,196,175	20,315,204

*Includes enacted funding in the Ukraine Supplemental Appropriation Act, 2023 (Division B of Public Law 117-180) and Additional Ukraine Supplemental Appropriation Act, 2023 (Division M of Public Law 117-328).

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P-1M MODIFICATION REPORT – 2024 PB

03/22/2023

<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-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24</u> <u>OCO</u>	<u>Total</u> <u>FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
C-5 RERP	P	6154	C-5 Reliability Enhancment and Re-Engining Program	3723.8											3723.8
TOTAL FOR CLASS P				3723.8											3723.8
TOTAL FOR AIRCRAFT C-5 RERP				3723.8											3723.8

P-1M MODIFICATION REPORT – 2024 PB

03/22/2023

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
EQ-4B	P	EQ001	EQ-4B Mods	7.0											7.0
TOTAL FOR CLASS P				7.0											7.0
TOTAL FOR AIRCRAFT EQ-4B				7.0											7.0

P-1M MODIFICATION REPORT – 2024 PB

03/22/2023

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</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
TOTAL FOR CLASS P				476.1											476.1
TOTAL FOR AIRCRAFT MQ-1				476.1											476.1

P-1M MODIFICATION REPORT – 2024 PB

03/22/2023

<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-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24</u> <u>OCO</u>	<u>Total</u> <u>FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
OC-135B	P	1900	Digital Visual Imaging System (DVIS)	15.2											15.2
		1901	ADS-B	3.5											3.5
TOTAL FOR CLASS P				18.7											18.7
TOTAL FOR AIRCRAFT OC-135B				18.7											18.7

P-1M MODIFICATION REPORT – 2024 PB

03/22/2023

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
RQ-4 Mods	P-S	470011	ASIP Install/Calibration	4.8											4.8
TOTAL FOR CLASS P-S				4.8											4.8
	P	470001	GH Aircraft Mods	537.8	3.2	1.3				9.1	9.2	0.4			561.0
		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
TOTAL FOR CLASS P				630.1	3.2	1.3				9.1	9.2	0.4			653.3
TOTAL FOR AIRCRAFT RQ-4 Mods				634.9	3.2	1.3				9.1	9.2	0.4			658.1

P-1M MODIFICATION REPORT – 2024 PB

03/22/2023

<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
B-2	P	110031	B-2 Trainer System Upgrade	59.2	5.6	7.0	16.7		16.7	1.1	1.2	1.2	1.2		93.2
		110032	LINK 16/CID/IFR	5.3	0.2	0.2	0.2		0.2	0.2	0.2	0.2	0.2		6.8
		110035	LOW OBSERVABLE SIGNATURE AND SUPPORTABILITY MODS	91.9	9.7	16.2	21.3		21.3	12.0	12.2	12.4	12.7		188.4
		110043	110043/B-2 Advanced Communications	14.2	0.3		29.0		29.0	26.6	32.7	33.5			136.3
		110044	B-2 DMS / Displays			43.5	28.2		28.2	15.3	3.8	3.4	0.0		94.2
		110054	B-2 Flex Strike Phase 1	30.8											30.8
		110056	B61-12 Integration	39.5											39.5
		110057	MGUE	23.2	0.3	4.4									28.0
		110061	IFF Mode 5/S		2.8	16.0	10.6		10.6						29.5
		110062	Crash Survivable Memory Unit (CSMU)				0.5		0.5	0.5					1.0
		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	0.9	1.1	0.8		0.8	0.8	0.8	0.9	0.9		24.2
		99999X	Low Cost Modifications	20.8	3.4	0.8	0.7		0.7	0.7	0.7	0.7	0.7		28.6
TOTAL FOR CLASS P				385.6	23.3	89.2	108.0		108.0	57.2	51.7	52.4	15.8		783.1
TOTAL FOR AIRCRAFT B-2				385.6	23.3	89.2	108.0		108.0	57.2	51.7	52.4	15.8		783.1

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B-1	P	4280	Fully Integrated Data Links	414.9	4.8	9.9									429.6
		4284	CITS UPGRADE	125.8	3.1	4.7									133.5
		4291	B-1 TRAINING SUPPORT	5.1	0.8	0.1	0.5		0.5	0.5	0.5	0.5	0.9		9.0
		8971	VERTICAL SITUATION DISPLAYS	295.4	6.5	7.2									309.1
		92294	LAPTOP CONTROLLED TARGETING POD	89.6											89.6
		92314	MIDS-JTRS	8.0	2.9	6.6									17.4
		92316	Radio Crypto Compliance			7.7	12.3		12.3	2.8	2.2	0.5	0.5		25.9
		92317	IFF Mode 5/S ADS-B	4.3	5.5	0.0	0.0		0.0						9.8
		99999X	Low Cost Modifications	5.7	3.9	0.0	0.0		0.0	0.0	0.0	0.0	0.0		9.6
TOTAL FOR CLASS P				948.6	27.4	36.3	12.8		12.8	3.3	2.7	1.0	1.4		1033.5
TOTAL FOR AIRCRAFT B-1				948.6	27.4	36.3	12.8		12.8	3.3	2.7	1.0	1.4		1033.5

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B-52	P	3265	B-52 Anti-Skid Replacement	22.9											22.9
		3310	B-52 Combat Network Communications Technology	620.0	15.7	5.3									641.0
		6885	AETC Trainers (B-52)	14.7	0.4	0.6	0.7		0.7	2.8	2.9	2.9	4.9		29.9
		6889	Bomber Tactical Data link	26.3	15.8	32.4	23.4		23.4	20.6	8.5	7.7	7.9		142.6
		6890	B-52 Radar Modernization							155.7	203.1	271.9	215.2		845.8
		6891	B-52 WST AR Upgrade Trainer	0.9											0.9
		6892	B-52 Low Cost Improvements	13.8	6.5	0.5	0.7		0.7	2.7	2.8	2.8	2.9		32.7
		6893	GPS-IU Replacement		7.9	23.0									30.9
		6894	B-52 Crypto Modernization		3.5	33.0	14.1		14.1	23.0	4.2	4.9	5.0		87.7
		6896	B-52 VLF/LF Modernization		20.1	11.5	26.5		26.5	13.1	6.4	3.3	0.4		81.3
		6897	B-52 CERP							8.0	20.7	734.1	706.8	70.8	1540.4
		6899	B-52 Quad Crew Initiative								45.0	73.1	74.6		192.7
		6900	Advanced Extremely High Frequency (AEHF)							15.5	93.9	52.7	68.8		230.9
		6901	Airspace Compliance							14.6	14.5	14.6	14.9		58.6
		99999X	Other Mods	22.2	0.5	0.5	0.4		0.4	2.0					25.6
TOTAL FOR CLASS P				720.7	70.4	106.8	65.8		65.8	257.9	402.0	1168.1	1101.4	70.8	3963.9
TOTAL FOR AIRCRAFT B-52				720.7	70.4	106.8	65.8		65.8	257.9	402.0	1168.1	1101.4	70.8	3963.9

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LAIRCM	P	8629C130	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130	15.7			0.1		0.1						15.8
		8629C130J	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-130J	230.6	57.0	11.7	5.5		5.5	19.5					324.3
		8629C17	LARGE AIRCRAFT INFRARED COUNTERMEASURES C-17	259.5	0.0	2.6	1.4		1.4	3.0	17.0	17.4	17.7		318.5
		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		0.4						0.4
		8629KC-135	LARGE AIRCRAFT INFRARED COUNTERMEASURES KC-135				0.1		0.1						0.1
		8629LC	Large Aircraft Infrared Countermeasures			11.0	3.3		3.3	3.6	3.7	3.8	3.9		29.3
		8629OSA EA	LARGE AIRCRAFT INFRARED COUNTERMEASURES SA EA			12.0	10.8		10.8	5.5					28.2
TOTAL FOR CLASS P				566.4	57.0	37.3	21.7		21.7	31.6	20.7	21.2	21.6		777.5
TOTAL FOR AIRCRAFT LAIRCM				566.4	57.0	37.3	21.7		21.7	31.6	20.7	21.2	21.6		777.5

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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	17.6											17.6
		9601	ONBOARD OXYGEN GENERATING SYSTEM (OBOGS)	33.7	9.5	1.0									44.2
		9804	A-10 Wing Replacement Program	461.9	0.0	36.3									498.3
		9806	A-10 Helmet Mounted Cueing System	3.4	2.2	6.3									11.9
		9816	A-10 Conversion Fuel Tanks	9.3											9.3
		9831	ARC-210 (Capability Improvement)	26.9	36.3	18.9									82.1
		9832	2ND GIGABET ETHERNET SWITCH (2GES) (Capability Improvement)	9.8	2.4	9.0									21.2
		9834	A-10 High Resolution Display System (HDRS)	6.3	1.3	1.0		0.0	0.0						8.6
		9836	3-Dimensional Audio (3DA)	6.3	5.3	1.0								4.6	17.2
		9839	SDB-1	3.2	4.4										7.6
		99999X	Low Cost Modifications		1.9										1.9
TOTAL FOR CLASS P				578.4	63.3	84.0		0.0	0.0					4.6	730.3
TOTAL FOR AIRCRAFT A-10				578.4	63.3	84.0		0.0	0.0					4.6	730.3

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E-11 Mods	P	E001	E-11 Mods	52.7	64.2	20.6	58.9		58.9	102.0	70.4	56.2	56.3		481.5
TOTAL FOR CLASS P				52.7	64.2	20.6	58.9		58.9	102.0	70.4	56.2	56.3		481.5
TOTAL FOR AIRCRAFT E-11 Mods				52.7	64.2	20.6	58.9		58.9	102.0	70.4	56.2	56.3		481.5

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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											15.9
TOTAL FOR CLASS P-S				18.7											18.7
	P	_1202	F-15E Radar Modernization Program APG-82(V)1	1769.9	53.9	24.8									1848.5
		_1202B	Advanced Display Core Processor, ADCP II-E	146.4	32.4	36.9	12.5		12.5						228.3
		1203	F-15 C/D Secondary Power System (SPS)	7.5											7.5
		1205	:Advanced Display Core Processor ADCP II-C	180.9	5.6	0.0									186.5
		1206	F-15C Infrared Search and Track (IRST)	125.5	4.7	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	8.0	0.2	0.3	1.2		1.2	1.3	1.3	1.3	2.2		15.9
		8754	F-15C/D IFF Mode 5	51.5											51.5
		8755	F-15E IFF MODE 5	63.4	1.9										65.3
		8756	F-15C/D Link 16 Cryptographic Modernization	0.0							43.2				43.2
		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	82.5	23.6	28.1	10.2		10.2	7.6	37.0	2.7	6.7	10.9	209.3
		8801	F-15 C/D SLEP Longerons	40.4	7.5	14.6									62.5
		8804	F-15 F-15 E/MUOS		17.4	51.1	10.9		10.9	20.8	61.0	3.9			165.1
		8810	F-15E APG-82(V)1 Common Config	61.7	7.0										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	5.3	0.9	0.1									6.3
		8817	F-15E DTM II		7.5	38.6									46.1
		8825	F-15E M Code								16.6	28.3	6.1	79.5	130.5
		99999U	LOW COST RETROFIT MODS	7.3											7.3
		99999X	Low Cost Modifications	0.5	0.0	0.0									0.5
TOTAL FOR CLASS P				4376.1	162.5	194.4	34.8		34.8	29.7	159.1	36.2	15.1	90.4	5098.2
TOTAL FOR AIRCRAFT F-15				4394.7	162.5	194.4	34.8		34.8	29.7	159.1	36.2	15.1	90.4	5116.8

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F-16	P	602148	MMC and Display Generator Upgrade	24.4	25.6	39.3	43.4		43.4	30.6	41.9	4.8	0.0		209.9
		602600	F-16 LEGACY STRUCTURAL SLEP	197.3	83.4	94.5	133.9		133.9	132.2	80.7	98.0	160.2	874.5	1854.8
		618250	Comm Suite Upgrade	101.7	57.6	61.6	64.9		64.9	66.0	389.8	209.2	62.1	290.1	1303.1
		633030	Aggressors Update	11.5	0.0			0.0	0.0						11.5
		633031	HFLCC AGCAS	61.9	24.4	28.9					20.8				136.0
		633032	AIFF MODE 5	0.3		3.0	5.3		5.3		58.0				66.6
		633033	M-Code								137.2	223.9	105.0	22.2	488.4
		633034	Secure Mission Data Systems			22.0	43.5		43.5	41.5	39.7	38.1	15.6		200.4
		633035	IVEWS			89.8									89.8
		633036	CDU			10.3									10.3
		633037	633037 - HMIT			0.2									0.2
		633038	RFC			0.4									0.4
		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	268.5		9.8					33.6				311.9
		694050	AESA Radars	765.5	379.9	339.1	0.2		0.2	58.4					1543.1

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		704050	Digital Radar Warning Receiver (RWR)	16.2											16.2
		8662	AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	118.2	0.8	1.2	5.9		5.9	6.1	6.2	6.3	10.5		155.2
		866250	F-16 TRAINING SYSTEMS	63.7	7.5	1.1									72.3
		866251	Full Combat Mission Training	3.1											3.1
		99999X	Low Cost Modifications	12.6	0.1	0.2	0.3		0.3						13.1
TOTAL FOR CLASS P				1662.1	599.3	741.3	297.3	0.0	297.3	334.9	807.9	580.2	353.5	1186.8	6563.4
TOTAL FOR AIRCRAFT F-16				1662.1	599.3	741.3	297.3	0.0	297.3	334.9	807.9	580.2	353.5	1186.8	6563.4

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F-22	P	F22006	Reliability and Maintainability Program	1653.2	160.2	162.5	91.1		91.1	94.7	96.2	97.3	97.9		2453.1
		F22013	Link 16	256.1	20.5	28.7	22.9		22.9	12.7					340.8
		F22014	F119 Engine Modifications	105.6	3.1	2.8	6.0		6.0	2.2	3.1	3.6	0.8	0.2	127.3
		F22024	Trainers Modernization	132.2	16.9	4.2	12.3		12.3	5.0	11.9	5.0	9.8		197.3
		F22027	Crypto Modernization	16.5							20.0	30.0			66.5
		F22030	Mode 5 Challenge and Reply	56.6		8.7	88.6		88.6	92.0	31.8	7.1	3.4		288.2
		F22031	Viability							135.9	275.9	294.2	200.5		906.4
		F22033	Sensor Enhancement	63.8	207.3	511.6	494.6		494.6	384.8	414.0	436.9		1618.9	4131.9
		F22034	Navigation Systems			29.4	35.5		35.5	49.0	59.8	31.5	10.4	11.4	227.0
		F22035	Low Drag Tanks and Pylons				43.8		43.8	84.6	88.2	127.7	103.9	105.6	553.9
TOTAL FOR CLASS P				2283.9	407.9	747.9	794.7		794.7	860.8	1000.9	1033.3	426.8	1736.2	9292.4
TOTAL FOR AIRCRAFT F-22				2283.9	407.9	747.9	794.7		794.7	860.8	1000.9	1033.3	426.8	1736.2	9292.4

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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	898.3	8.1	1.0	16.9		16.9	13.6	13.1				951.1
		F3517	Correction of Deficiencies	226.5	82.0	111.5	127.1		127.1	145.9	144.2	141.9	134.7	114.3	1228.1
		F3518	Block 4 Modifications	61.8	149.5	204.5	291.2		291.2	379.6	384.1	403.5	415.7	350.4	2640.2
		F3519	Propulsion		6.2	11.0	12.0		12.0	12.0	12.0	3.4	10.0		66.6
		F3520	Reliability and Maintainability		2.1	5.1	4.5		4.5	4.5	3.5	5.8	5.7	1.4	32.6
TOTAL FOR CLASS P				1415.9	247.9	333.1	451.8		451.8	555.6	556.9	554.6	566.1	466.0	5147.9
TOTAL FOR AIRCRAFT F-35 Mods				1415.9	247.9	333.1	451.8		451.8	555.6	556.9	554.6	566.1	466.0	5147.9

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F-15 EPAWS	P	8796	EPAWSS F-15E	272.6	163.8	259.8	280.7		280.7	321.3	234.8	118.4	120.9		1772.3
TOTAL FOR CLASS P				272.6	163.8	259.8	280.7		280.7	321.3	234.8	118.4	120.9		1772.3
TOTAL FOR AIRCRAFT F-15 EPAWS				272.6	163.8	259.8	280.7		280.7	321.3	234.8	118.4	120.9		1772.3

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KC-46	P-S	4601	R&M Safety Mods											2141.8	2141.8
TOTAL FOR CLASS P-S														2141.8	2141.8
	P	4602	Pegasus Advanced Communications Suite (PACS)				0.0		0.0		34.1	45.3	51.0	249.6	379.9
		4603	KC-46 Winglets								20.0	20.6	21.2		61.8
		99999S	Airworthiness Directives	0.0										3143.2	3143.2
		99999X	Low Cost Modifications	0.8	2.0	0.5					5.0	5.0		204.6	217.8
TOTAL FOR CLASS P				0.8	2.0	0.5	0.0		0.0		59.1	70.9	72.2	3597.3	3802.8
TOTAL FOR AIRCRAFT KC-46				0.8	2.0	0.5	0.0		0.0		59.1	70.9	72.2	5739.1	5944.6

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C-5	P	8964	C-5 Replace Multifunctional Co							28.2	27.4	28.2	28.8	67.7	180.4
		8965	C-5 Fleet Blk Upgrade 01	13.1											13.1
		8966	C-5 Mission Systems Equipment-Lavatory	42.0		2.4	6.2		6.2	2.0					52.6
		8967	Mission Computer and Weather Radar	91.3	12.5	7.9	11.3		11.3	7.4					130.4
		8968	C-5M Communication Navigation Surveillance/Air Traffic Management (CNS/ATM)	67.7		1.7	4.3		4.3	2.7					76.4
		8969	C-5 Training Systems (Training Mods)		7.8	3.6									11.5
		99999X	Low Cost Modifications	0.0		0.1	2.6		2.6	5.0	5.0	5.0	5.0		22.7
TOTAL FOR CLASS P				214.1	20.3	15.7	24.4		24.4	45.4	32.4	33.2	33.8	67.7	487.0
TOTAL FOR AIRCRAFT C-5				214.1	20.3	15.7	24.4		24.4	45.4	32.4	33.2	33.8	67.7	487.0

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C-17	P	_2000	Pylon Stub FFLZ, FF, Translating Fairing	95.5	1.0										96.5
		_2590	ELT Frequency Change	5.2											5.2
		_2633	MFOQA	14.1											14.1
		_3080	Replacement Heads Up Display (RHUD)	124.8	30.9	48.5	33.9		33.9	48.8	11.6	8.8			307.3
		1508	IFF GATM	124.6											124.6
		2901	Automatic Dependent Surveillance - Broadcast Out (ADS-B Out)	83.9											83.9
		6403	Filter Fire Mitigation	1.9	1.6	2.3	2.5		2.5	2.1	2.6	2.1	0.9		16.0
		9740	Fixed Installation Satellite Antenna (FISA)	7.1											7.1
		9741	Beyond Line of Sight (BLOS)	5.5	11.3	80.2	101.3		101.3	47.2	118.2	120.6	115.2		599.5
		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)	12.3	8.1	2.5	1.8		1.8	1.9	1.9	2.7	2.0		33.1
		9748	C-17 Training System (Training Mods)			9.1									9.1
		99999X	Low Cost Modifications	3.4	1.7	0.1	1.0		1.0	0.1	0.1	0.1	5.0		11.5
TOTAL FOR CLASS P				480.6	54.6	142.7	140.6		140.6	100.0	134.4	134.4	123.0		1310.3
TOTAL FOR AIRCRAFT C-17				480.6	54.6	142.7	140.6		140.6	100.0	134.4	134.4	123.0		1310.3

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Common VLI Receiver Increment 2	P	Mod - 9830	COMM 2 Crypto and Data								0.1	4.1	4.2		8.3
TOTAL FOR CLASS P											0.1	4.1	4.2	8.3	
TOTAL FOR AIRCRAFT Common VLF Receiver Increment 2											0.1	4.1	4.2	8.3	

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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						11.7
		1121	Crypto Mod 1				7.0		7.0	7.1					14.1
		99999S	SERVICE BULLETINS	1.0	0.0	1.0	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	0.0	1.0	0.4		0.4	0.0	0.0	0.0	0.0		1.5
		99999XG	99999XG - Low Cost Mods - C-32B	9.9	1.9	2.0									13.9
TOTAL FOR CLASS P				243.8	1.9	4.1	19.1		19.1	7.1	0.0	0.0	0.0		276.0
TOTAL FOR AIRCRAFT C-32				243.8	1.9	4.1	19.1		19.1	7.1	0.0	0.0	0.0		276.0

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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		2.0						12.3
		1123	Crypto Mod 1				11.0		11.0	9.3	0.0				20.3
		99999S	SERVICE BULLETINS	0.1		1.0	0.0		0.0						1.1
		99999X	Low Cost Modifications	0.7		0.7	0.4		0.4						1.9
TOTAL FOR CLASS P				31.4	6.0	6.1	13.5		13.5	9.3	0.0				66.2
TOTAL FOR AIRCRAFT C-37				31.4	6.0	6.1	13.5		13.5	9.3	0.0				66.2

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GLIDER MODS	P	5324	T-53 PERFORMANCE ENHANCEMENT				4.9		4.9	2.6					7.5
		99999S	SERVICE BULLETINS				0.3		0.3	0.0	0.1	0.1	0.1		0.5
		99999X	Low Cost Modifications	6.3	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1		7.1
TOTAL FOR CLASS P				6.3	0.1	0.1	5.3		5.3	2.7	0.2	0.2	0.2		15.0
TOTAL FOR AIRCRAFT GLIDER MODS				6.3	0.1	0.1	5.3		5.3	2.7	0.2	0.2	0.2		15.0

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T-6	P	9871	T-6A Crash Survivable Recorder				2.5		2.5	0.1	0.1	0.1	0.1		2.9
		9873	Canopy Fracture Initiation System	1.8											1.8
		9877	Avionics Upgrades FAA Compliance	45.6	0.2					0.0					45.8
		9878	Aircrew Training Device (ATD) Modernization	37.9		0.5	0.1		0.1	0.6	0.3	0.3	0.3		40.0
		9893	Crew System Modernization Program	57.3	4.9	5.7	0.1		0.1	2.9					70.9
		9894	Avionics Modernization							153.9	416.4	146.5	371.0	23.0	1110.9
		99999S	SERVICE BULLETINS				0.1		0.1	0.1	0.1	0.1	0.1	0.2	0.7
		99999X	Low Cost Modifications	5.5	3.7		0.1		0.1	0.1	0.1	0.1	0.1		9.7
TOTAL FOR CLASS P				148.0	8.7	6.2	2.9		2.9	157.7	417.0	147.1	371.6	23.2	1282.6
TOTAL FOR AIRCRAFT T-6				148.0	8.7	6.2	2.9		2.9	157.7	417.0	147.1	371.6	23.2	1282.6

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T-1	P	8997	Avionics Modification	96.0	0.9	6.2	7.1		7.1						110.1
		8998	Crew Relief Station Replacement	0.3											0.3
		99999X	Low Cost Modifications	3.0		0.1	3.9		3.9	0.1	0.1	0.1	3.6		10.9
TOTAL FOR CLASS P				99.2	0.9	6.3	10.9		10.9	0.1	0.1	0.1	3.6		121.3
TOTAL FOR AIRCRAFT T-1				99.2	0.9	6.3	10.9		10.9	0.1	0.1	0.1	3.6		121.3

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T-38	P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.0						0.0	0.0	0.0	0.0		0.1
TOTAL FOR CLASS P-S				0.0						0.0	0.0	0.0	0.0		0.1
	P	6088	Pacer Classic III	276.1	37.1	40.3	46.4		46.4	33.6		14.8			448.4
		6090	T-38 Avionics	117.5		12.8	54.3		54.3	16.5	6.1	0.6			207.7
		6091	Talon Repair, Inspection and Maintenance	5.4	7.7	18.0	24.1		24.1	33.1	44.8	71.7	56.4	100.2	361.4
		6092	T-38 A/B ADS-B Out	8.3											8.3
		6093	T-38 Canopy	3.7	0.2										3.9
		6094	T-38A/B ESUP II	5.0		26.4									31.4
		99999X	Low Cost Modifications	0.0			0.5		0.5	0.0	1.5	1.2	0.0		3.2
TOTAL FOR CLASS P				416.0	45.0	97.5	125.3		125.3	83.2	52.3	88.3	56.4	100.2	1064.3
TOTAL FOR AIRCRAFT T-38				416.0	45.0	97.5	125.3		125.3	83.3	52.3	88.3	56.4	100.2	1064.3

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INCREMENT 3.2B	P	11100	INCREMENT 3.2B	295.2											295.2
TOTAL FOR CLASS P				295.2											295.2
TOTAL FOR AIRCRAFT INCREMENT 3.2B				295.2											295.2

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U-2 Mods	P	4494	U-2 Mod	374.3	56.0	36.2	29.5		29.5						495.9
		4496	ASARS-2B Procurement for U-2	48.1	69.2	45.4	25.2		25.2	69.7	13.0	13.3	13.6		297.6
TOTAL FOR CLASS P				422.4	125.1	81.7	54.7		54.7	69.7	13.0	13.3	13.6		793.6
TOTAL FOR AIRCRAFT U-2 Mods				422.4	125.1	81.7	54.7		54.7	69.7	13.0	13.3	13.6		793.6

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KC-10	P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.0		0.0	0.0		0.0						0.0
TOTAL FOR CLASS P-S				0.0		0.0	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	40.5	1.9	1.7									44.2
		99999X	Low Cost Modifications	8.5		0.0									8.5
TOTAL FOR CLASS P				64.3	1.9	1.7									67.9
TOTAL FOR AIRCRAFT KC-10				64.3	1.9	1.7	0.0		0.0						67.9

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

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C-21	P	1100	Avionics Upgrades and FAA Mandates	61.5											61.5
		99999S	SERVICE BULLETINS	0.7		1.0									1.8
		99999X	Low Cost Modifications	0.6		1.0									1.6
TOTAL FOR CLASS P				62.8		2.0									64.8
TOTAL FOR AIRCRAFT C-21				62.8		2.0									64.8

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VC-25 Mods	P	9714	WIDEBAND SATCOM	1.0											1.0
		9715	VC-25 Block Upgrade	326.8		0.5	28.2		28.2	11.5	9.4				376.3
		99999S	SERVICE BULLETINS	4.2	0.1	0.5	0.7		0.7	0.5					6.0
		99999X	Low Cost Modifications	2.5		1.2	0.7		0.7	0.6					5.0
TOTAL FOR CLASS P				334.5	0.1	2.1	29.7		29.7	12.6	9.4				388.4
TOTAL FOR AIRCRAFT VC-25 Mods				334.5	0.1	2.1	29.7		29.7	12.6	9.4				388.4

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C-40	P	1110	Nitrogen Generation System	6.0											6.0
		1118	WIDEBAND SATCOM	131.5	10.0	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		7.0	7.0					14.0
		1122	SAT 906			25.0	1.5		1.5						26.5
		99999S	SERVICE BULLETINS	0.3	0.2	1.2	0.0		0.0	0.0					1.7
		99999X	Low Cost Modifications	0.5	0.1	1.0	0.4		0.4	0.0					2.1
TOTAL FOR CLASS P				167.4	10.3	37.2	8.9		8.9	7.1					230.9
TOTAL FOR AIRCRAFT C-40				167.4	10.3	37.2	8.9		8.9	7.1					230.9

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C-130	P-S	99999A	LOW COST SAFETY MODIFICATIONS	3.0											3.0
TOTAL FOR CLASS P-S				3.0											3.0
	P	3773	C-130 8-Bladed Propeller Upgrade	431.0	151.0	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	79.7	69.2		69.2	122.3	129.9	194.1	121.6		724.1
		8578	C-130 SYSTEMS/STRUCTURE (PHASE II MODERNIZATION)	688.0						19.8	35.9	58.7	59.9	46.8	909.1
		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	419.0	79.0	41.2									539.2
		92309	Onboard Fire Incident Response Equipment	150.0	6.0	0.1									156.1
		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	40.7	7.1	4.5	0.0		0.0						52.3
		92316	AFSOC C-130 Mods	22.6											22.6
		92322	MAFFS	4.6	20.0	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	12.9	1.8	1.0	2.0		2.0	2.2	2.1	2.0	1.9	1.9	27.8
TOTAL FOR CLASS P				2101.9	272.3	224.7	71.2		71.2	144.3	167.9	254.9	183.4	48.7	3469.2
		9141	C-130 CRASHWORTHY LOADMASTER SEAT	1.9											1.9
TOTAL FOR CLASS				1.9											1.9
TOTAL FOR AIRCRAFT C-130				2106.8	272.3	224.7	71.2		71.2	144.3	167.9	254.9	183.4	48.7	3474.1

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C-130J Mods	P	_2612	Avionics System and Structural Modifications	33.0	4.6	0.2				0.2		0.2			38.1
		_5222	BLOCK 8.1	528.6	82.8	98.8	85.4		85.4	128.1	104.8	121.3	155.9	191.2	1497.0
		_5296	Wind Gust Brake	39.8											39.8
		8646	C-130J Center Wing Replacement	156.1	23.3	13.1	15.1		15.1	17.3	14.9	5.8	17.7	59.8	323.0
		8668	WST Threat Generators	6.7			4.7		4.7	3.0					14.4
		8669	Communication Modernization							17.4	62.8	44.5	12.9	158.2	295.8
		8670	EC-130J Conversion				16.0		16.0	16.0	5.0				37.0
		99999X	Low Cost Modifications	11.3	0.1	0.2	0.1		0.1	0.2	0.2	0.2	0.2		12.5
TOTAL FOR CLASS P				775.6	110.8	112.3	121.3		121.3	182.1	187.7	172.1	186.7	409.1	2257.7
TOTAL FOR AIRCRAFT C-130J Mods				775.6	110.8	112.3	121.3		121.3	182.1	187.7	172.1	186.7	409.1	2257.7

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C-135	P-S	99999A	LOW COST SAFETY MODIFICATIONS				0.0		0.0	0.0	0.0	0.0	0.0		0.1
TOTAL FOR CLASS P-S							0.0		0.0	0.0	0.0	0.0	0.0		0.1
	P	8653	BLOCK 45	419.3	51.9	57.0	46.8		46.8	4.7	25.9	18.7			624.4
		9818	VOR/ILS ANTENNAE	9.3	0.4	11.3									20.9
		9824	ADS-B	14.0											14.0
		9826	Rudder Position Indicator (RPI)	19.8	2.6	3.7	7.5		7.5	6.8	3.2	1.5			45.0
		9827	KC-135 AERO-I SATCOM replacement	17.6	1.7	12.0	7.3		7.3	1.6	0.0	0.0			40.1
		9828	Real Time in the Cockpit (RTIC)	45.7		10.8	23.7		23.7	24.6	19.6	1.0			125.3
		9829	MUOS Radios			19.9	33.4		33.4	44.5	21.3	0.7			119.8
		9830	Center Console Refresh									86.7	126.3		213.0
		9831	COMM2 Crypto and Data			5.3	29.6		29.6	36.9	22.4	1.2			95.5
		9832	HF Modernization				0.3		0.3	25.9	54.6	33.7	1.0		115.5
		9833	KC-135 Air Contour System/Aft Body Drag Reduction			11.5									11.5
		9834	KC-135 Vertical Wipers			8.0									8.0
		9835	KC-135 Winglets							35.0	35.0	35.0	35.0		140.0
		99999X	Low Cost Modifications	16.5	2.3	5.0	5.0		5.0	5.0	5.0	5.0	5.0		48.7
TOTAL FOR CLASS P				542.2	58.8	144.6	153.6		153.6	184.9	187.0	183.5	167.3		1621.8
TOTAL FOR AIRCRAFT C-135				542.2	58.8	144.6	153.6		153.6	185.0	187.0	183.5	167.4		1622.0

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COMPASS CALL	P	1001	COMPASS CALL	47.7											47.7
		1003	COMPASS CALL Baseline Modifications	744.9	195.1	317.1	50.4		50.4	19.2	11.2	52.7			1390.5
		1004	COMPASS CALL Baseline Upgrade			10.3	94.3		94.3	75.3	91.1	142.2	199.0	47.8	659.9
TOTAL FOR CLASS P				792.6	195.1	327.3	144.7		144.7	94.5	102.3	194.9	199.0	47.8	2098.1
TOTAL FOR AIRCRAFT COMPASS CALL				792.6	195.1	327.3	144.7		144.7	94.5	102.3	194.9	199.0	47.8	2098.1

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CFIN	P	99999X	Low Cost Modifications	1.6			0.4		0.4						2.0
TOTAL FOR CLASS P				1.6			0.4		0.4						2.0
TOTAL FOR AIRCRAFT CFIN				1.6			0.4		0.4						2.0

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RC - 135	P	_2504	COBRA BALL	47.3	12.7	13.3	13.6		13.6	13.9	14.0	14.3	14.6		143.6
		4263	RIVET JOINT	1067.1	190.6	189.4	195.6		195.6	197.6	200.6	205.2	209.5		2455.7
		4265	COMBAT SENT	66.9	10.2	10.7	10.9		10.9	11.1	11.3	11.5	11.7		144.3
		4266	CONSTANT PHOENIX	216.2											216.2
TOTAL FOR CLASS P				1397.5	213.5	213.4	220.1		220.1	222.6	225.9	231.0	235.8		2959.9
TOTAL FOR AIRCRAFT RC - 135				1397.5	213.5	213.4	220.1		220.1	222.6	225.9	231.0	235.8		2959.9

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E-3	P	50001T	BLOCK 40/45 UPGRADE	658.2											658.2
		50002	Communication Networking Upgrade (CNU)	25.1	5.4	1.0									31.6
		50002T	AWACS Mode 5 Acceleration	2.7	0.7										3.4
		7225	NEXT GENERATION IDENTIFICATION FRIEND OR FOE (IFF)	56.8											56.8
		8662	AETC MTD UPGRADES-FIELD TRAINING DETACHMENTS	9.8	0.7	0.2	0.8		0.8	1.0	0.8	0.8	1.4		15.6
		9707	RM&A Mod	22.9											22.9
		9709	E-3 DRAGON	281.0	70.9	11.9	0.2		0.2						363.9
		9716	VERTICAL STABILIZER AND RUDDER	1.8											1.8
		9718	IP-enabled Capability (IPEC)	118.0	12.7										130.7
		9721	AWACS Communications Integration Program (ACIP)			15.8	0.4		0.4	31.5					47.8
		99999XA	LOW COST MOD - AIRFRAME	8.4	1.0	0.3									9.7
		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
TOTAL FOR CLASS P				1197.5	91.3	29.2	1.4		1.4	32.6	0.8	0.8	1.4		1355.0
TOTAL FOR AIRCRAFT E-3				1197.5	91.3	29.2	1.4		1.4	32.6	0.8	0.8	1.4		1355.0

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E-4	P	3411	Survivable SHF		1.6	1.7	6.0		6.0	21.7	25.3	32.6	33.3		122.1
		4380	MUOS	3.5	4.6										8.1
		4406B	AEHF Compatible Terminal/PNVG	37.6	9.8	1.1	2.8		2.8	2.8	2.9	3.0	3.0		63.0
		4409	Low Frequency Transmit System (LFTS)	36.2			0.8		0.8						37.0
		99999S	SERVICE BULLETINS		1.2	1.2	1.5		1.5	6.5	6.6	6.8	7.0		30.9
		99999X	Low Cost Modifications	16.3	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0		30.3
TOTAL FOR CLASS P				93.8	19.1	6.0	13.1		13.1	33.0	36.8	44.4	45.3		291.3
TOTAL FOR AIRCRAFT E-4				93.8	19.1	6.0	13.1		13.1	33.0	36.8	44.4	45.3		291.3

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E-8C	P	38202	Common Data Link	44.2	8.7	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	7.6	7.6										15.2
		38207	JSTARS Re-engining	20.0											20.0
TOTAL FOR CLASS P				88.8	16.3	16.6									121.7
TOTAL FOR AIRCRAFT E-8C				88.8	16.3	16.6									121.7

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Airborne Warning and Control System	P	50001T	BLOCK 40/45 BLOCK UPGRADE	885.2	24.8		0.0		0.0	0.0	0.0	0.0	0.0		910.1
TOTAL FOR CLASS P				885.2	24.8		0.0		0.0	0.0	0.0	0.0	0.0		910.1
TOTAL FOR AIRCRAFT Airborne Warning and Control System				885.2	24.8		0.0		0.0	0.0	0.0	0.0	0.0		910.1

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H-1	P-S	8847	UH-1N Safety Modifications	9.4		0.0	0.0		0.0						9.4
TOTAL FOR CLASS P-S				9.4		0.0	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	2.4											2.4
		8863	Load Stabilizers	11.2	0.6										11.7
		99999T	TH-1h Low Cost Mods	5.3	0.1	0.8	0.4		0.4	1.2	1.2	1.2	2.3		12.5
		99999X	Low Cost Modifications	14.9	0.8	0.9	0.4		0.4	0.9					18.0
TOTAL FOR CLASS P				48.3	1.5	1.8	0.8		0.8	2.1	1.2	1.2	2.3		59.2
TOTAL FOR AIRCRAFT H-1				57.7	1.5	1.8	0.8		0.8	2.1	1.2	1.2	2.3		68.7

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FBLOST	P	FBLOST - 01	Family of Beyond Line-of-Sight Terminals	90.7											90.7
TOTAL FOR CLASS P				90.7											90.7
TOTAL FOR AIRCRAFT FBLOST				90.7											90.7

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
H060WM	P	99999X	Low Cost Modifications			3.1				5.0	5.0	5.0	5.0		23.1
		H060W2	Integrated Vehicle Health Management System											42.7	42.7
		H060W3	Blue Force Tracker 2											47.7	47.7
		H060W4	Video Data Link											64.0	64.0
		H060W5	Global Positioning System Anti-Jam							0.8	2.8	4.3	4.4	12.1	24.3
		H060W6	Degrade Visual Environment											250.5	250.5
		H060W7	Mobile User Objective System							4.8	13.2	14.9	15.2	36.3	84.4
		H060W8	Obsolescence							41.3	47.3	43.0	43.8	6.1	181.5
TOTAL FOR CLASS P						3.1				51.9	68.3	67.2	68.4	459.3	718.1
TOTAL FOR AIRCRAFT H060WM						3.1				51.9	68.3	67.2	68.4	459.3	718.1

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
HH-60 Mods	P	8844	Multi-function Color Display	50.1	1.6	2.3	0.3		0.3	0.1	0.2				54.6
		8850	MODE 5	38.0	0.3	0.2	0.3		0.3	0.2	0.2				39.3
		8853	DEFENSIVE SYSTEM UPGRADE	57.4	4.2	6.0	2.0		2.0	0.5	0.1				70.2
		8854	HH-60 OLR Mission Modification	467.1	0.6	1.0	0.8		0.8	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	8.6	2.4	1.2	0.8		0.8	1.1	1.5				15.7
TOTAL FOR CLASS P				692.7	9.1	10.8	4.2		4.2	2.0	2.1				720.9
TOTAL FOR AIRCRAFT HH-60 Mods				692.7	9.1	10.8	4.2		4.2	2.0	2.1				720.9

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>	
HC/MC-130 Recap	P	5222	HC/MC-130J Block 8.1	9.5	7.8		29.6		29.6	27.9	38.1	38.6	36.5		188.0	
		8632	MC-130J Increment 2	39.4	0.3	0.0										39.7
		8634	HC-130J Common Configuration	45.4	0.0											45.4
		8635	HC-130J Personnel Locator System	16.9	0.0											16.9
		8636	HC-130J Situational Awareness	113.4	8.6	13.3					0.0					135.3
		8639	Wireless Intercom	10.6												10.6
		8642	(AbMN) Airborne Mission Networking	68.8	45.2	38.7					10.0	12.4	12.7	13.5		201.3
		8648	ADS-B out Acceleration	2.2												2.2
		8652	(RFCM) Radio Frequency Countermeasures	80.5												80.5
		8658	Paratroop Door	26.9		12.5	1.4			1.4	18.3					59.0
		8659	Broadband Antenna	9.4												9.4
		8737	HC-Communications Modernization Phase I				10.2			10.2	28.7	104.1	32.4	1.3		176.8
		8760	HC Trainer Modifications			20.0	0.0			0.0	0.0					20.0
		8761	MC/AC-Communications Modernization Phase I		2.4	7.2	27.1			27.1	0.4	43.4	110.3	0.0	0.0	190.8
		8762	MC-130J Link 16	4.4	0.0											4.4
		8763	HC-130J Link 16									5.3	5.4			10.7
		8764	MC-Trainer Modifications		83.6	12.3	7.5			7.5	29.4	29.8	30.4	31.0	0.0	224.1
		8765	LAIRCM Updates			4.8	1.8			1.8	0.0					6.6

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
		8767	HC-Star XIII				5.4		5.4	47.4	53.6	0.1	11.7		118.2
		8768	HC-EO/IR Sensor Modification				16.2		16.2	19.4	53.8				89.4
		99999W	HC-Low Cost Mods				1.8		1.8	5.0	5.0	0.2			12.0
		99999X	HC- Low Cost Modifications	11.9	0.1	0.9									12.8
		99999Y	MC-Low Cost Modifications			0.1					0.1	0.1			0.3
TOTAL FOR CLASS P				439.2	148.0	109.8	101.1		101.1	186.6	345.7	230.2	94.1	0.0	1654.6
TOTAL FOR AIRCRAFT HC/MC-130 Recap				439.2	148.0	109.8	101.1		101.1	186.6	345.7	230.2	94.1	0.0	1654.6

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
OTHER (BP11)	P	8669	Full Combat Mission Training	76.4											76.4
		8670	MAF Training	50.3	0.1	12.4	0.1		0.1	0.1	0.1	0.1	0.1		63.3
		8671	Tactical Data Link Communications Capabilities				3.4		3.4	42.3	43.2	44.2	44.2		177.3
		8674	ATP upgrade Legacy to SE	162.0	0.2										162.2
		8675	ATP-SE Technology Insertion	122.5	14.6										137.1
		8676	ATP-TI Increment 1			9.5	50.5		50.5	54.7	236.2	57.0	58.2		466.0
		8733	Battlefield ABN Comm Node (BACN)	53.0	37.9	18.7									109.5
		8736	Counterdrug USSOUTHCOM Support	1.2											1.2
		99999J	MISCELLANEOUS LOW COSTS MODS (Combat Developments)	147.7	0.2	0.1	0.2		0.2	0.2	0.2	0.2	0.2		148.8
		HH-60U	HH-60U	7.4	1.9	1.1									10.4
TOTAL FOR CLASS P				620.5	54.8	41.8	54.1		54.1	97.3	279.7	101.4	102.6		1352.3
TOTAL FOR AIRCRAFT OTHER (BP11)				620.5	54.8	41.8	54.1		54.1	97.3	279.7	101.4	102.6		1352.3

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
MQ-9 Mods	P	9151	Block 5	76.3						0.0					76.3
		9152	MQ-9 Field	338.5	5.5	8.2									352.3
		9154	Lynx SAR	96.1											96.1
		9155	GCS Blk 30	205.2	14.0										219.2
		9159	R&M enhancements	91.2	12.8										104.0
		9164	Extended Range MQ-9	353.3	6.7	1.3	0.0		0.0						361.3
		9167	MQ-9 Upgrade	555.3	127.8	179.1	36.6		36.6	7.7	7.7				914.2
		9168	MQ-9 SLAM			22.8	61.5		61.5	4.6	4.4	29.2	29.8		152.4
		99999B	MQ-9 Low Cost Mods	16.6											16.6
TOTAL FOR CLASS P				1732.5	166.8	211.5	98.1		98.1	12.3	12.2	29.2	29.8		2292.4
TOTAL FOR AIRCRAFT MQ-9 Mods				1732.5	166.8	211.5	98.1		98.1	12.3	12.2	29.2	29.8		2292.4

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
MQ-9 UAS Payloads	P	9169	Gorgon Stare	134.2	45.2			0.0	0.0						179.4
TOTAL FOR CLASS P				134.2	45.2			0.0	0.0						179.4
TOTAL FOR AIRCRAFT MQ-9 UAS Payloads				134.2	45.2			0.0	0.0						179.4

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
SLC3SA	P	C-32 - SLC3SA	C-32 - SLC3SA		8.5	5.2	7.1		7.1	12.7	12.7	12.7	12.7		71.5
		C-37 - SLC3SA	C-37 - SLC3SA		13.6	16.4	14.7		14.7	8.1	8.1	8.1	8.1		77.2
		C-40 - SLC3SA	C-40 - SLC3SA		6.1	3.1	3.0		3.0	4.0	4.1	4.1	4.1		28.5
		VC-25A - SLC3SA	VC-25A - SLC3SA		0.1	0.1	0.1		0.1	0.1					0.4
TOTAL FOR CLASS P					28.3	24.8	24.8		24.8	25.0	24.9	24.9	24.9		177.6
TOTAL FOR AIRCRAFT SLC3SA					28.3	24.8	24.8		24.8	25.0	24.9	24.9	24.9		177.6

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<u>WEAPON SYSTEM</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-22</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-24 OCO</u>	<u>Total FY-24</u>	<u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
CV-22 Mods	P	8791	Block 20 V2	499.7	224.0	151.0	148.0		148.0	159.5	160.7	153.2	156.5		1652.6
		99999X	Low Cost Modifications	25.4	3.0	2.0	5.0		5.0	5.0	5.0	5.0	5.0	4.0	59.4
TOTAL FOR CLASS P				525.1	227.0	153.0	153.0		153.0	164.5	165.7	158.2	161.5	4.0	1712.0
TOTAL FOR WEAPON SYSTEM CV-22 Mods				525.1	227.0	153.0	153.0		153.0	164.5	165.7	158.2	161.5	4.0	1712.0

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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
AFCESA	- 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	- Undefined 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 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 1: Strategic Offensive
P-1 Line Item Number / Title: B02100 / B-21 Raider

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

Line Item MDAP/MAIS Code: 437

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	1,406.458	1,970.258	-	1,970.258	3,797.806	4,458.182	4,213.387	5,742.052	-	21,588.143
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	0.000	108.027	353.165	-	353.165	708.000	836.000	975.000	1,094.000	-	4,074.192
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	1,298.431	1,617.093	-	1,617.093	3,089.806	3,622.182	3,238.387	4,648.052	-	17,513.951
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	108.027	353.165	708.000	-	708.000	836.000	975.000	1,094.000	1,005.665	-	5,079.857
Total Obligation Authority (<i>\$ in Millions</i>)	-	108.027	1,651.596	2,325.093	-	2,325.093	3,925.806	4,597.182	4,332.387	5,653.717	-	22,593.808

(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:

Funding includes aircraft flyaway costs, producibility improvements/incentives, support equipment, training, spares, and engineering change orders. In addition, funding may support Diminishing Manufacturing Sources and Material Shortages (DMSMS) and/or obsolescence issues. DMSMS activities may include, but are not limited to, bridge buys, life of type buys, buys to protect production schedule, and minor engineering efforts.

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

Funding for this exhibit contained in PE 0101110F.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 1: Strategic Offensive **P-1 Line Item Number / Title:** B02100 / B-21 Raider

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

Line Item MDAP/MAIS Code: 437

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	B-21 Raider		A		- / -	- / 0.000	- / 1,406.458	- / 1,970.258	- / -	- / 1,970.258
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 1,406.458	- / 1,970.258	- / -	- / 1,970.258

*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:
 This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 1	P-1 Line Item Number / Title: B02100 / B-21 Raider	Item Number / Title [DODIC]: B-21 Raider
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	0.000	1,406.458	1,970.258	-	1,970.258
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	0.000	108.027	353.165	-	353.165
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	0.000	1,298.431	1,617.093	-	1,617.093
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	108.027	353.165	708.000	-	708.000
Total Obligation Authority <i>(\$ in Millions)</i>	-	108.027	1,651.596	2,325.093	-	2,325.093

(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 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>
Flyaway - B-21 Raider Cost																		
Recurring Cost																		
B21 Raider	-	-	-	-	-	0.000	-	-	1,298.431	-	-	1,617.093	-	-	-	-	-	1,617.093
Long Lead	-	-	-	-	-	-	-	-	108.027	-	-	353.165	-	-	-	-	-	353.165
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	<i>0.000</i>	-	-	<i>1,406.458</i>	-	-	<i>1,970.258</i>	-	-	-	-	-	<i>1,970.258</i>
<i>Subtotal: Flyaway - B-21 Raider Cost</i>	-	-	-	-	-	<i>0.000</i>	-	-	<i>1,406.458</i>	-	-	<i>1,970.258</i>	-	-	-	-	-	<i>1,970.258</i>
Gross/Weapon System Cost	-	-	-	-	-	0.000	-	-	1,406.458	-	-	1,970.258	-	-	-	-	-	1,970.258

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 1: Strategic Offensive	P-1 Line Item Number / Title: B02100 / B-21 Raider
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Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 437

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	108.027	353.165	708.000	-	708.000	836.000	975.000	1,094.000	1,005.665	-	5,079.857
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	108.027	353.165	708.000	-	708.000	836.000	975.000	1,094.000	1,005.665	-	5,079.857
Total Obligation Authority (<i>\$ in Millions</i>)	-	108.027	353.165	708.000	-	708.000	836.000	975.000	1,094.000	1,005.665	-	5,079.857

Description:

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

Funding for this exhibit contained in PE 0101110F.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 1: Strategic Offensive	P-1 Line Item Number / Title: B02100 / B-21 Raider
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Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 437

Exhibits Schedule				Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	B-21 Raider			- / -	- / 108.027	- / 353.165	- / 708.000	- / -	- / 708.000
P-40	Total Gross/Weapon System Cost			- / -	- / 108.027	- / 353.165	- / 708.000	- / -	- / 708.000

*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:
 This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2024 Air Force					Date: March 2023		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 1			P-1 Line Item Number / Title: B02100 / B-21 Raider			P-5 Number / Title: B-21 Raider	
First System (2024) Award Date: March 2023		First System (2024) Completion Date: March 2023			Interval Between Systems: 1 Months		
B-21 Raider		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2022 <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	
Quantity			-	-	-	-	
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2022 <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	
CFE							
Long Lead: Various (†)		0	-	108.027	353.165	708.000	
<i>Total: CFE</i>			-	<i>108.027</i>	<i>353.165</i>	<i>708.000</i>	
Total Advance Procurement/Obligation Authority			-	108.027	353.165	708.000	

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2024 Air Force						Date: March 2023	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 1		P-1 Line Item Number / Title: B02100 / B-21 Raider				P-5 Number / Title: B-21 Raider	
		FY 2024					
Cost Elements	QPA (Each)	Production Leadtime (Months)	Unit Cost (\$ M)	Contract Forecast Date	2024 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
Long Lead: Various ^(†)	-						708.000
<i>Total: CFE</i>							708.000
Total Advance Procurement/Obligation Authority							708.000

Description:

B-21 Raider AP

^(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces	P-1 Line Item Number / Title: ATA000 / F-35
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0207142F	Other Related Program Elements: 0604840F
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Line Item MDAP/MAIS Code: 198

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	459	41	43	48	-	48	48	48	48	48	980	1,763
Gross/Weapon System Cost (<i>\$ in Millions</i>)	56,808.392	4,764.804	4,736.604	5,113.823	-	5,113.823	5,115.920	5,489.513	5,523.911	5,883.502	136,479.991	229,916.460
Less PY Advance Procurement (<i>\$ in Millions</i>)	5,483.493	547.200	491.136	236.702	-	236.702	402.000	410.200	406.000	401.700	11,824.962	20,203.393
Net Procurement (P-1) (<i>\$ in Millions</i>)	51,324.899	4,217.604	4,245.468	4,877.121	-	4,877.121	4,713.920	5,079.313	5,117.911	5,481.802	124,655.029	209,713.067
Plus CY Advance Procurement (<i>\$ in Millions</i>)	6,226.293	342.536	236.702	402.000	-	402.000	410.200	406.000	401.700	411.200	11,366.762	20,203.393
Total Obligation Authority (<i>\$ in Millions</i>)	57,551.192	4,560.140	4,482.170	5,279.121	-	5,279.121	5,124.120	5,485.313	5,519.611	5,893.002	136,021.791	229,916.460

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

Initial Spares (<i>\$ in Millions</i>)	3,285.674	442.667	251.747	314.470	-	314.470	453.276	161.656	125.725	128.341	5,648.300	10,811.856
Flyaway Unit Cost (<i>\$ in Millions</i>)	110.352	100.476	91.143	92.451	-	92.451	94.115	97.136	96.348	95.448	130.893	118.996
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	123.766	116.215	110.154	106.538	-	106.538	106.582	114.365	115.081	122.573	139.265	130.412

Description:

The F-35 Joint Strike Fighter (JSF) program will enhance and field a family of aircraft that meets the needs of DoD and allies with three air vehicle variants including: the F-35A Conventional Take Off and Landing (CTOL) variant, the F-35B Short Take-Off and Vertical Landing (STOVL) variant, and the F-35C Carrier Variant (CV). Commonality among the three variants is expected to reduce life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35 is the next generation of strike fighters and provides increased aero-performance, stealth signature, and countermeasures. Its advanced avionics, data links, and adverse weather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and can employ superior weaponry over existing aircraft. The highly supportable, affordable, state of the art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to sole source air vehicle and propulsion contracts. United States Air Force (USAF) regular procurement commenced in FY2007, DoN regular procurement commenced in FY2008. Funding for this exhibit contained in PE 0207142F.

Notes:

- (1) USAF Initial Operational Capability (IOC) occurred on 2 August 2016 and Full Rate Production (FRP) will occur after completion and reporting of Initial Operational Test & Evaluation (IOT&E).
- (2) The FY2023 appropriation bill restored a total of 19 Lot 15-17 F-35 aircraft that were risk due to multiple cost pressures and contract factors. For the F-35A, this included restoring 11 aircraft; This restoral is reflected as a quantity plus up of +10 in FY2023 since the one at risk Lot 17 aircraft was already accounted for in the original FY23 quantity amount of 33.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces **P-1 Line Item Number / Title:** ATA000 / F-35

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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	F-35	P-5a, P-21	B		459 / 56,808.392	41 / 4,764.804	43 / 4,736.604	48 / 5,113.823	- / -	48 / 5,113.823
P-40	Total Gross/Weapon System Cost				459 / 56,808.392	41 / 4,764.804	43 / 4,736.604	48 / 5,113.823	- / -	48 / 5,113.823

*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 FY2024 budget provides funding for 48 F-35A Aircraft, Engines and associated Non-Recurring and ancillary mission equipment to support production and delivery. The budget request supports aircraft procurement and support requirements for squadron standup and associated training and logistical efforts.

Non-Recurring flyaway costs for FY2024 include costs for tooling required to support full production capacity for hardware associated with delivering Block 4 capabilities. Non-Recurring costs also include funding to address diminishing manufacturing sources (DMS) which includes costs to manage DMS issues, procurement of bridge or life-of-type buys, and if cost-benefit analysis supports Non-Recurring engineering to implement DMS redesigns within the performance envelope to the production line.

Support costs in FY2024 include costs that are fixed in nature and costs that fluctuate based on squadron/site stand up requirements. These include the procurement of airframe, engine, and avionics peculiar ground support equipment (PGSE), as well as training equipment to support squadron and site stand-ups.

The program continues to implement the strategy to transition from the Autonomic Logistics Information System (ALIS) to the Operational Data Integrated Network (ODIN), a modern F-35 logistics information system. Hardware being procured is compatible with both ALIS and ODIN software.

Depot activation efforts continue in FY2024, increasing repair capacity necessary for long-term sustainment of F-35 aircraft. FY2024 request includes equipment and material to support establishment of depot repair capability and capacity for components/sub-components across all U.S. Depots, support equipment for air vehicle modification dock expansion and Block 4 depot repair capability. FY2024 includes funding for propulsion depot standup to include module repair activities to meet expanding fleet repair requirements.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: F-35
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	459	41	43	48	-	48
Gross/Weapon System Cost (\$ in Millions)	56,808.392	4,764.804	4,736.604	5,113.823	-	5,113.823
Less PY Advance Procurement (\$ in Millions)	5,483.493	547.200	491.136	236.702	-	236.702
Net Procurement (P-1) (\$ in Millions)	51,324.899	4,217.604	4,245.468	4,877.121	-	4,877.121
Plus CY Advance Procurement (\$ in Millions)	6,226.293	342.536	236.702	402.000	-	402.000
Total Obligation Authority (\$ in Millions)	57,551.192	4,560.140	4,482.170	5,279.121	-	5,279.121

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

Initial Spares (\$ in Millions)	3,285.674	442.667	251.747	314.470	-	314.470
Gross/Weapon System Unit Cost (\$ in Millions)	123.766	116.215	110.154	106.538	-	106.538

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - Flyaway End Item Cost																		
Recurring Cost																		
Airframe/CFE ⁽¹⁾	65.027	459	29,847.400	62.472	41	2,561.343	56.379	43	2,424.276	53.654	48	2,575.414	-	-	-	53.654	48	2,575.414
CFE Electronics ⁽²⁾	17.975	459	8,250.530	14.306	41	586.547	13.083	43	562.553	15.139	48	726.694	-	-	-	15.139	48	726.694
Engines/Eng ACC ⁽³⁾	13.396	459	6,148.760	14.957	41	613.253	12.654	43	544.130	13.470	48	646.570	-	-	-	13.470	48	646.570
ECO ⁽⁴⁾	2.267	459	1,040.550	1.835	41	75.223	1.533	43	65.899	1.645	48	78.974	-	-	-	1.645	48	78.974
<i>Subtotal: Recurring Cost</i>	-	-	45,287.240	-	-	3,836.366	-	-	3,596.858	-	-	4,027.652	-	-	-	-	-	4,027.652
Non Recurring Cost																		
Non-Recurring Cost ⁽⁵⁾	-	-	3,324.395	-	-	108.545	-	-	170.666	-	-	201.019	-	-	-	-	-	201.019
Ancillary Equip ⁽⁶⁾	-	-	2,040.146	-	-	174.603	-	-	151.643	-	-	208.960	-	-	-	-	-	208.960
<i>Subtotal: Non Recurring Cost</i>	-	-	5,364.541	-	-	283.148	-	-	322.309	-	-	409.979	-	-	-	-	-	409.979
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	50,651.781	-	-	4,119.514	-	-	3,919.167	-	-	4,437.631	-	-	-	-	-	4,437.631
Support - Support End Item Cost																		
Airframe PGSE ⁽⁷⁾	-	-	896.220	-	-	104.611	-	-	50.741	-	-	69.210	-	-	-	-	-	69.210
Engine PGSE ⁽⁸⁾	-	-	326.628	-	-	4.521	-	-	0.416	-	-	3.307	-	-	-	-	-	3.307
Avionics PGSE ⁽⁹⁾	-	-	621.172	-	-	12.745	-	-	3.057	-	-	10.268	-	-	-	-	-	10.268
Peculiar Training Equipment ⁽¹⁰⁾	-	-	570.266	-	-	18.980	-	-	31.834	-	-	17.936	-	-	-	-	-	17.936

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Exhibit P-5, Cost Analysis: PB 2024 Air Force												Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3						P-1 Line Item Number / Title: ATA000 / F-35						Item Number / Title [DODIC]: F-35					
ID Code (A=Service Ready, B=Not Service Ready) : B												MDAP/MAIS Code:					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Full Mission Simulators ⁽¹⁾	-	-	579.071	-	-	56.257	-	-	19.432	-	-	30.562	-	-	-	-	-	30.562
ODIN / PUBS / TECH DATA/ MPE ⁽¹²⁾	-	-	198.091	-	-	0.000	-	-	11.678	-	-	16.213	-	-	-	-	-	16.213
Other ILS Production ⁽¹³⁾	-	-	1,094.781	-	-	52.037	-	-	61.412	-	-	69.510	-	-	-	-	-	69.510
Production Eng Support ⁽¹⁴⁾	-	-	951.090	-	-	32.378	-	-	40.693	-	-	52.674	-	-	-	-	-	52.674
Fixed JPO Support ⁽¹⁵⁾	-	-	4.143	-	-	57.913	-	-	62.953	-	-	79.385	-	-	-	-	-	79.385
Depot Standup ⁽¹⁶⁾	-	-	915.149	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Depot Standup Software ⁽¹⁷⁾	-	-	-	-	-	40.193	-	-	44.100	-	-	42.971	-	-	-	-	-	42.971
Depot Standup Air Vehicle ⁽¹⁸⁾	-	-	-	-	-	163.746	-	-	204.696	-	-	207.066	-	-	-	-	-	207.066
Depot Standup Propulsion ⁽¹⁹⁾	-	-	-	-	-	101.909	-	-	286.425	-	-	77.090	-	-	-	-	-	77.090
<i>Subtotal: Support - Support End Item Cost</i>	-	-	6,156.611	-	-	645.290	-	-	817.437	-	-	676.192	-	-	-	-	-	676.192
Gross/Weapon System Cost	123.766	459	56,808.392	116.215	41	4,764.804	110.154	43	4,736.604	106.538	48	5,113.823	-	-	-	106.538	48	5,113.823

(t) indicates the presence of a P-5a

Footnotes:

- (1) Airframe Unit Recurring Flyaway (URF) price is directly affected by a number of cost pressures including the USAF and DoN quantity profiles. URF price is projected to increase due to configuration updates and capability increments as well as inflation related cost pressures.
- (2) CFE Electronics URF price is directly affected by a number of cost pressures including the USAF and DoN quantity profiles. URF price is projected to increase due to configuration updates and capability increments as well as inflation related cost pressures.
- (3) Engine price is directly affected by a number of cost pressures including USAF and DoN quantity profiles and inflationary pressures.
- (4) ECO URF price is directly affected by a number of cost pressures including the USAF and DoN quantity profiles. URF price is projected to increase due to configuration updates and capability increments as well inflation related pressures.
- (5) Non-recurring Costs include such items as USAF share of Production Non-Recurring Tooling necessary to support and maintain planned production ramp. In addition, Non-recurring includes funding for Diminishing Manufacturing Sources ("Life-of-type" part buys, management, and non-recurring redesign engineering), concurrency engineering, acceptance chase support, and technical assistance. This cost element includes variable (aircraft qty driven) and fixed costs.
- (6) Ancillary Equip: Equipment to procure includes: Launcher Hardware Kit, bomb rack, Missile Launcher, Adapter Kit, Pylon Kit, Rail Launcher, Gun Pod, Magazine, Umbilical Cable, Pilot Flight Equipment (PFE), Helmet Mounted Display (HMD), Portable Memory Device (PMD), countermeasures. This cost element includes variable (aircraft qty driven) and fixed costs.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: F-35
ID Code (A=Service Ready, B=Not Service Ready) : B		MDAP/MAIS Code:
<p>(7) Airframe Peculiar Ground Support Equipment (PGSE): Costs support Site Support Equipment, Regional Center Support Equipment, and Service Unique Requirements related to additional aircraft deliveries (Tyndall AFB 3rd Sqdn, Luke AFB Training Sqdn)</p> <p>(8) Engine PGSE: Costs to support Site Support Equipment, Training Center Support Equipment Requirements related to additional aircraft deliveries (Tyndall AFB 3rd Sqdn, Luke AFB Training Sqdn).</p> <p>(9) Avionics PGSE: Costs to support Site Support Equipment, Service Unique requirements related to additional aircraft deliveries (Tyndall AFB 3rd Sqdn, Luke AFB Training Sqdn).</p> <p>(10) Peculiar Training Equipment: Costs support/procure peculiar training equipment at training and operational sites. (Tyndall AFB, OPS 10 (ANG), Fielded devices WIN10 transition from WIN7) Supports training device Block 4 integration</p> <p>(11) Full Mission Simulators (FMS): Costs support/procure pilot training devices at training and operational sites. (Tyndall AFB, OPS 10).</p> <p>(12) Cost support ODIN/ALIS equipment, mission planning environment (MPE) equipment, site activation support. ODIN equipment includes ODIN Base Kits (OBK) and peripherals. MPE equip includes MPE squadron kits. Year to year changes in ODIN are a result of investments required to support site and squadron stand-ups. ALIS/ODIN and OMS Deployment and Squadron Kits (Tyndall AFB 2nd and 3rd Sqdns)</p> <p>(13) Other Integrated Logistics Support (ILS): Shared Maintenance Planning, Unique Site Activation Planning, ALIS/ODIN Admins (Tyndall AFB, NAS JRB Ft. Worth)</p> <p>(14) Production Engineering Support: Costs to support production engineering, program management, propulsion program Labor.</p> <p>(15) Fixed JPO Support: Fixed JPO support costs are shared across the US and Partner participants and cost shares are balanced at the aggregate across all Services and appropriations. This cost element includes funds for the JPO program operations and administrative requirements at the enterprise level. Efforts in this cost element include working capital technical subject matter expert (SME) labor/civilian pay, program office Contractor Support Services, Arlington, VA program unique off-base lease costs, travel, supplies, program office IT and software applications, cybersecurity, studies, and program office oversight of property management. These costs are not programmed, budgeted, or funded as part of base operating support and are not associated with Headquarters level support.</p> <p>(16) Starting in FY2022, Depot Standup is broken down in detail in Depot Standup Software, Depot Standup Air Vehicle, and Depot Standup Propulsion</p> <p>(17) Depot Standup Software: Shared SW depot activation (Hill AFB, Warner Robbins AFB, NAS China Lake, NAS Pt. Mugu)</p> <p>(18) Depot Standup Air Vehicle: Shared planning and activation for component-level capability and airframe depots</p> <p>(19) Depot Standup Propulsion: Shared planning, activation, and capacity for Oklahoma City Air Logistics Center and Fleet Readiness Center Southeast</p>		

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Exhibit P-5a, Procurement History and Planning: PB 2024 Air Force								Date: March 2023			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3				P-1 Line Item Number / Title: ATA000 / F-35				Item Number / Title [DODIC]: F-35			

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe/CFE ^(†)		2020	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2020	Apr 2022	62	51.819	Y		Jan 2018
Airframe/CFE ^(†)		2021	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Dec 2022	May 2023	59	52.276	Y		Jan 2020
Airframe/CFE ^(†)		2022	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Dec 2022	Jun 2024	41	62.472	Y		Jan 2020
Airframe/CFE ^(†)		2023	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2023	Mar 2025	43	56.379	Y		Jan 2020
Airframe/CFE ^(†)		2024	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Jan 2024	Jan 2026	48	53.654	Y		Mar 2023
Engines/Eng ACC ^(†)		2021	Pratt & Whitney ⁽²⁰⁾ / East Hartford, CT	SS / FPIF	NAVAIR	Jun 2022	Aug 2022	59	12.488	Y		Mar 2020
Engines/Eng ACC ^(†)		2022	Pratt & Whitney ⁽²⁰⁾ / East Hartford, CT	SS / FPIF	NAVAIR	Jan 2023	Sep 2023	41	14.957	Y		Mar 2020
Engines/Eng ACC ^(†)		2023	Pratt & Whitney ⁽²⁰⁾ / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2023	Aug 2024	43	12.654	Y		Mar 2020
Engines/Eng ACC ^(†)		2024	Pratt & Whitney ⁽²⁰⁾ / East Hartford, CT	SS / FPIF	NAVAIR	Jan 2024	Jul 2025	48	13.470	Y		May 2023
Advance Procurement												
Airframe/CFE: Long Lead Material		2024	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Dec 2023	Jan 2026	48	6.951	Y		Mar 2023
Engines/Eng ACC: Mount-Signal Conditioning Unit		2024	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Dec 2023	Jul 2025	48	0.003	Y		May 2023
Engines/Eng ACC: IDMS Ring, Forward		2024	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Dec 2023	Jul 2025	48	0.004	Y		May 2023
Engines/Eng ACC: IDMS Ring, Rear		2024	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Dec 2023	Jul 2025	48	0.004	Y		May 2023
Engines/Eng ACC: Advance Acquisition Contracts		2024	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Feb 2024	Jul 2025	48	1.412	Y		May 2023

^(†) indicates the presence of a P-21

Remarks:
F-35A production capacity is influenced by total F-35 production quantities. Maximum combined production including partners for F-35A is 110 per year.

Footnotes:
⁽²⁰⁾ Undefinitized contract action awarded in June 2022 with contract definitization in Jan 2023

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** F-35

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020													Fiscal Year 2021													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020													Calendar Year 2021													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe/CFE ⁽¹⁾																																	
Prior Years Deliveries: 338																																	
	1	2020	AF	62	0	62																							62				
	1	2021	AF	59	0	59																							59				
	1	2022	AF	41	0	41																							41				
	1	2023	AF	43	0	43																							43				
	1	2024	AF	48	0	48																							48				
Engines/Eng ACC ⁽³⁾																																	
Prior Years Deliveries: 400																																	
	2	2021	AF	59	0	59																							59				
	2	2022	AF	41	0	41																							41				
	2	2023	AF	43	0	43																							43				
	2	2024	AF	48	0	48																							48				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** F-35

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022													Fiscal Year 2023													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022													Calendar Year 2023														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
Airframe/CFE ⁽¹⁾																																		
Prior Years Deliveries: 338																																		
	1	2020	AF	62	0	62	-	-	-	-	-	-	-	2	3	6	3	4	-	13	3	5	3	8	3	9					0			
	1	2021	AF	59	0	59																A -	-	-	-	-	2	4	8	3	7	35		
	1	2022	AF	41	0	41																A -	-	-	-	-	-	-	-	-	-	41		
	1	2023	AF	43	0	43																										43		
	1	2024	AF	48	0	48																										48		
Engines/Eng ACC ⁽³⁾																																		
Prior Years Deliveries: 400																																		
	2	2021	AF	59	0	59																A -	-	5	5	5	5	5	5	5	5	4	0	
	2	2022	AF	41	0	41																	A -	-	-	-	-	-	-	-	-	-	4	37
	2	2023	AF	43	0	43																											43	
	2	2024	AF	48	0	48																											48	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** F-35

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024													Fiscal Year 2025													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024													Calendar Year 2025													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe/CFE ⁽¹⁾																																	
Prior Years Deliveries: 338																																	
1		2020	AF	62	62	0																							0				
1		2021	AF	59	24	35	8	-	-	-	5	8	4	10															0				
1		2022	AF	41	0	41	-	-	-	-	-	-	-	5	2	6	3	-	4	7	4	6	4						0				
1		2023	AF	43	0	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	8	7	3	4	4	11				
1		2024	AF	48	0	48				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48					
Engines/Eng ACC ⁽³⁾																																	
Prior Years Deliveries: 400																																	
2		2021	AF	59	59	0																						0					
2		2022	AF	41	4	37	4	4	4	4	4	4	3	4	3	4	3												0				
2		2023	AF	43	0	43	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	4	4	4	4	4	0					
2		2024	AF	48	0	48				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	36				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: F-35
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Cost Elements <i>(Units in Each)</i>							Fiscal Year 2026														Fiscal Year 2027										BALANCE					
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026														Calendar Year 2027															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
Airframe/CFE ⁽¹⁾																																				
Prior Years Deliveries: 338																																				
1		2020	AF	62	62	0																														0
1		2021	AF	59	59	0																														0
1		2022	AF	41	41	0																														0
1		2023	AF	43	32	11	3	4	4																											0
1		2024	AF	48	0	48	-	-	-	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0
Engines/Eng ACC ⁽³⁾																																				
Prior Years Deliveries: 400																																				
2		2021	AF	59	59	0																														0
2		2022	AF	41	41	0																														0
2		2023	AF	43	43	0																														0
2		2024	AF	48	12	36	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						

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Exhibit P-21, Production Schedule: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3		P-1 Line Item Number / Title: ATA000 / F-35
		Item Number / Title [DODIC]: F-35

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2024	1-8-5 For 2024	MAX For 2024	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Lockheed Martin - Fort Worth, TX	24	48	60	0	0	0	0	8	4	24	28
2	Pratt & Whitney ⁽²⁰⁾ - East Hartford, CT	24	48	60	0	0	0	0	6	4	18	22

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:
⁽²⁰⁾ Undefinitized contract action awarded in June 2022 with contract definitization in Jan 2023

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces	P-1 Line Item Number / Title: ATA000 / F-35
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Program Elements for Code B Items: 0207142F	Other Related Program Elements: 0604840F
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Line Item MDAP/MAIS Code: 198

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6,226.293	342.536	236.702	402.000	-	402.000	410.200	406.000	401.700	411.200	11,366.762	20,203.393
Net Procurement (P-1) (<i>\$ in Millions</i>)	6,226.293	342.536	236.702	402.000	-	402.000	410.200	406.000	401.700	411.200	11,366.762	20,203.393
Total Obligation Authority (<i>\$ in Millions</i>)	6,226.293	342.536	236.702	402.000	-	402.000	410.200	406.000	401.700	411.200	11,366.762	20,203.393

Description:

The F-35 Joint Strike Fighter (JSF) program will enhance and field a family of aircraft that meets the needs of DoD and allies with three air vehicle variants including: the F-35A Conventional Take Off and Landing (CTOL) variant, the F-35B Short Take-Off and Vertical Landing (STOVL) variant, and the F-35C Carrier Variant (CV). Commonality among the three variants is expected to reduce life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35s are the next generation of strike fighters and provide increased aero-performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and can employ superior weaponry over existing aircraft. The highly supportable, affordable, state of the art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to air vehicle and propulsion contracts.

Advance procurement (AP) funding will support Airframe and Engine long-lead parts and materials necessary to protect the delivery schedules of the FY2025 production, as well as associated termination liability. No savings are projected with the AP funding, rather it is required to support Airframe and Engine long-lead parts and materials necessary to protect the Lot 19 production base and delivery schedules. The end items for which the long lead items listed on the P-10 will be used to produce are fully funded in the FY2025 budget. Funding for this exhibit is contained in PE 0207142F.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces		P-1 Line Item Number / Title: ATA000 / F-35
Program Elements for Code B Items: 0207142F		Other Related Program Elements: 0604840F

Line Item MDAP/MAIS Code: 198

Exhibits Schedule				Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	F-35			459 / 6,226.293	41 / 342.536	43 / 236.702	48 / 402.000	- / -	48 / 402.000
P-40	Total Gross/Weapon System Cost			459 / 6,226.293	41 / 342.536	43 / 236.702	48 / 402.000	- / -	48 / 402.000

*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:
 The FY2024 Advance procurement (AP) funding will support Airframe and Engine long-lead parts, materials necessary to protect the delivery schedules of the FY2025 production, as well as associated termination liability. The end items for which the long lead items listed on the P-10 will be used to produce are fully funded in the FY2025 budget. Funding for this exhibit is contained in PE 0207142F.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2024 Air Force					Date: March 2023		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3			P-1 Line Item Number / Title: ATA000 / F-35			P-5 Number / Title: F-35	
First System (2024) Award Date: January 2024		First System (2024) Completion Date: January 2026			Interval Between Systems: 0 Months		
F-35		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2022 <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	
Quantity		24	459	41	43	48	
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2022 <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	
CFE							
Airframe/CFE: Long Lead Material ^(†)		18	5,057.688	284.305	196.913	333.660	
Total: CFE			5,057.688	284.305	196.913	333.660	
GFE							
Engines/Eng ACC: Long Lead Material		24	1,168.605	0.000	0.000	0.000	
Engines/Eng ACC: Mount-Signal Conditioning Unit ^(†)		24	-	0.131	0.082	0.140	
Engines/Eng ACC: IDMS Ring, Forward ^(†)		24	-	0.210	0.124	0.210	
Engines/Eng ACC: IDMS Ring, Rear ^(†)		24	-	0.194	0.124	0.210	
Engines/Eng ACC: Advance Acquisition Contracts ^(†)		24	-	57.696	39.459	67.780	
Total: GFE			1,168.605	58.231	39.789	68.340	
Total Advance Procurement/Obligation Authority			6,226.293	342.536	236.702	402.000	

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	P-5 Number / Title: F-35
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Cost Elements	QPA <i>(Each)</i>	FY 2024					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2024 Qty <i>(Each)</i>	For FY	
CFE							
Airframe/CFE: Long Lead Material ^(†)	-	18	6.951	Dec 2023	48		333.660
<i>Total: CFE</i>							333.660
GFE							
Engines/Eng ACC: Long Lead Material	-						0.000
Engines/Eng ACC: Mount-Signal Conditioning Unit ^(†)	-	24	0.003	Dec 2023	48		0.140
Engines/Eng ACC: IDMS Ring, Forward ^(†)	-	24	0.004	Dec 2023	48		0.210
Engines/Eng ACC: IDMS Ring, Rear ^(†)	-	24	0.004	Dec 2023	48		0.210
Engines/Eng ACC: Advance Acquisition Contracts ^(†)	-	24	1.412	Feb 2024	48		67.780
<i>Total: GFE</i>							68.340
Total Advance Procurement/Obligation Authority							402.000

Description:
F-35 Advance Procurement.

CFE-Airframe: AP funding will be used towards the following Air Vehicle suppliers/systems based on the lead time associated with the material such as: TR-3 Components (Integrated Core Processor, Aircraft Memory System, Panoramic Cockpit Display); Bulkhead forgings; Collins Landing Gear; BAE Electronic Warfare components; IAI Outer Wing Box; BAE Aft Fuselage components; Northrop Grumman Center Fuselage, Communication, Navigation & Identification (CNI), and Radar components; ATK Wing Skins; Curtiss-Wright Controls Leading Edge Flap Drive System (LEFDS); Ball Aerospace CNI Integrated Body Apertures; Heroux-Devtek Flight Opening Door Uplock System (FODUS); Fokker Flaperons; Arkwin Industries Actuators; and Leonardo Wing.

GFE-Engines Long Lead: Advance Acquisition Contracts (AAC) will be awarded for long-lead items on a termination liability basis to protect delivery schedule. AP funding will be used towards the following Propulsion suppliers/systems based on lead time associated with material(s): Engine Hardware (High Pressure Turbine (HPT), Low Pressure Turbine (LPT), Turbine Exhaust, Compressor Rotors and Stators, Nozzle, Liners and Seals) and Collins Inlet Debris Monitor Signal Conditioning Units (IDMS SCUs).

^(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces

P-1 Line Item Number / Title:
F015EX / F-15EX

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207146F **Other Related Program Elements:** 0207134F

Line Item MDAP/MAIS Code: 725

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	12	10	24	24	-	24	24	-	-	-	-	94
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,156.791	1,237.940	2,465.287	2,934.039	-	2,934.039	2,762.896	60.601	0.000	0.000	0.000	10,617.554
Less PY Advance Procurement (<i>\$ in Millions</i>)	0.000	133.500	147.919	264.000	-	264.000	228.000	0.000	0.000	0.000	0.000	773.419
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,156.791	1,104.440	2,317.368	2,670.039	-	2,670.039	2,534.896	60.601	0.000	0.000	0.000	9,844.135
Plus CY Advance Procurement (<i>\$ in Millions</i>)	133.500	147.919	264.000	228.000	-	228.000	0.000	0.000	0.000	0.000	0.000	773.419
Total Obligation Authority (<i>\$ in Millions</i>)	1,290.291	1,252.359	2,581.368	2,898.039	-	2,898.039	2,534.896	60.601	0.000	0.000	0.000	10,617.554

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

Initial Spares (<i>\$ in Millions</i>)	25.780	24.016	120.000	178.790	-	178.790	91.890	-	-	-	-	440.476
Flyaway Unit Cost (<i>\$ in Millions</i>)	87.700	114.760	90.240	97.889	-	97.889	106.240	-	-	-	-	98.562
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	96.399	123.794	102.720	122.252	-	122.252	115.121	-	-	-	-	112.953

Description:

The F-15EX is based on the 2-seat F-15QA (Qatar) configuration upgraded with USAF-only capabilities, including the Eagle Passive Active Warning and Survivability System (EPAWSS) and the F-15 Operational Flight Program (OFP) software. With two seats, it is multirole-capable and operable by one or two aircrew. F-15EX logistics, maintenance, and training will heavily leverage the existing F-15 infrastructure. Initially, F-15EX's will replace F-15C/D aircraft which were first produced in 1979, many of which are beyond their service life and have serious structures risks, wire chafing issues, and obsolete parts. As the replacement for the F-15C/D, the F-15EX will be used predominantly in defensive and offensive counter-air missions.

The F-15EX has successfully participated in multiple developmental and operational tests and exercises, including AIM-120D and AIM-9X missile shots, validating F-15EX's full air-to-air capability to include launches from Stations 1 and 9 to enable 12 missile capacity. The remainder of Lot 1 (FY20 funded) aircraft are scheduled to deliver in 2023; F-15EX Integrated Test and Evaluation is scheduled to complete in Nov 2023.

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 resolve Diminishing Manufacturing Sources and Material Shortages (DMSMS) and/or obsolescence issues. DMSMS activities may include, but are not limited to, bridge buys, life of type buys, buys to protect production schedule, and minor engineering efforts.

Note: Eight additional aircraft were funded outside this exhibit in FY20 (2 RDTE (PE 0207134F) and 6 APAF (F015E0, Line #3)).

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces **P-1 Line Item Number / Title:** F015EX / F-15EX

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207146F **Other Related Program Elements:** 0207134F

Line Item MDAP/MAIS Code: 725

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	F-15EX	P-5a, P-21	B		12 / 1,156.791	10 / 1,237.940	24 / 2,465.287	24 / 2,934.039	- / -	24 / 2,934.039
P-40	Total Gross/Weapon System Cost				12 / 1,156.791	10 / 1,237.940	24 / 2,465.287	24 / 2,934.039	- / -	24 / 2,934.039

*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 FY 2024 BUDGET REQUEST: The FY 2024 budget provides funding for 24 F-15EX aircraft and associated support equipment, training systems, depot activation, initial spares, production non-recurring engineering and related items required to manufacture the aircraft, operational conversion (from F-15C/D to F-15EX) support, logistics and sustainment activities, and program support to manage and execute F-15EX efforts. The FY24 budget also includes funding to begin conformal fuel tank (CFT) procurement.

Funding for Depot Activation is based on the status of the following Depot Source of Repair (DSOR) approvals for the organic depots: Environmental Control (Complete, 24 Sep 21), Hydraulic Components (Complete, 24 Sep 21), Avionic Components (Complete, 14 Jul 22), and Engine/Powerplant (Complete, 17 Nov 22), and Airframe (Submitted, 23 Nov 22). Several draft Depot Gap Analyses (DGAs) Reports were received in FY23 with the anticipation of contractor support for depot activations to begin in FY24. The budget was estimated using analogous parts from similar programs. The schedule was forecasted by expected delivery of future and final DGAs and estimated time to procure test equipment, technical data, and other necessary items.

FY24 F015EX, PE 0207146F, BA01, Aircraft Procurement is submitting a Technical Adjustment to realign \$80 million to 000075, Other Production Charges for F-15EX Depot Activation. This will be a new start for F-15EX in Other Production Charges. The program has Depot Source of Repair (DSOR) approvals for the multiple organic depots.

FY24 F015EX, PE 0207146F, BA01, Aircraft Procurement is submitting a Technical Adjustment to realign \$120.448 million to Aircraft Procurement, Modifications, F015EX, PE 0207146F for retrofit of aircraft procured in prior lots to Lot 5 configuration. This is an FY24 New start for F-15EX in Aircraft Procurement, Modification funding.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force											Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3						P-1 Line Item Number / Title: F015EX / F-15EX					Item Number / Title [DODIC]: F-15EX					
ID Code (A=Service Ready, B=Not Service Ready) : B							MDAP/MAIS Code:									
Resource Summary				Prior Years		FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total		
Procurement Quantity (<i>Units in Each</i>)				12		10		24		24		-		24		
Gross/Weapon System Cost (<i>\$ in Millions</i>)				1,156.791		1,237.940		2,465.287		2,934.039		-		2,934.039		
Less PY Advance Procurement (<i>\$ in Millions</i>)				0.000		133.500		147.919		264.000		-		264.000		
Net Procurement (P-1) (<i>\$ in Millions</i>)				1,156.791		1,104.440		2,317.368		2,670.039		-		2,670.039		
Plus CY Advance Procurement (<i>\$ in Millions</i>)				133.500		147.919		264.000		228.000		-		228.000		
Total Obligation Authority (<i>\$ in Millions</i>)				1,290.291		1,252.359		2,581.368		2,898.039		-		2,898.039		
<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>)				25.780		24.016		120.000		178.790		-		178.790		
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)				96.399		123.794		102.720		122.252		-		122.252		

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - F-15EX Cost																		
Recurring Cost																		
Airframe ^(†)	73.600	12	883.200	82.652	10	826.524	64.656	24	1,551.744	69.352	24	1,664.459	-	-	-	69.352	24	1,664.459
Engines (2) ^(†)	11.200	12	134.400	13.574	10	135.744	11.004	24	264.096	9.782	24	234.762	-	-	-	9.782	24	234.762
AME	1.100	12	13.200	1.591	10	15.912	0.496	24	11.904	3.450	24	82.790	-	-	-	3.450	24	82.790
ECO	1.800	12	21.600	4.171	10	41.712	3.471	24	83.304	3.346	24	80.300	-	-	-	3.346	24	80.300
GFE	-	-	-	5.956	10	59.556	5.063	24	121.512	5.571	24	133.700	-	-	-	5.571	24	133.700
Pilot Gear	-	-	-	0.612	10	6.120	0.278	24	6.672	0.513	24	12.320	-	-	-	0.513	24	12.320
SEPM	-	-	-	6.203	10	62.028	5.272	24	126.528	5.875	24	141.000	-	-	-	5.875	24	141.000
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,052.400</i>	-	-	<i>1,147.596</i>	-	-	<i>2,165.760</i>	-	-	<i>2,349.331</i>	-	-	-	-	-	<i>2,349.331</i>
<i>Subtotal: Flyaway - F-15EX Cost</i>	-	-	<i>1,052.400</i>	-	-	<i>1,147.596</i>	-	-	<i>2,165.760</i>	-	-	<i>2,349.331</i>	-	-	-	-	-	<i>2,349.331</i>
Support - F-15EX Cost																		
Other Support Costs	-	-	32.680	-	-	29.444	-	-	79.980	-	-	108.470	-	-	-	-	-	108.470
Training	-	-	17.000	-	-	17.000	-	-	23.400	-	-	24.620	-	-	-	-	-	24.620
Support Equipment	-	-	25.141	-	-	15.984	-	-	27.847	-	-	72.380	-	-	-	-	-	72.380
Initial Spares	-	-	25.780	-	-	24.016	-	-	120.000	-	-	178.790	-	-	-	-	-	178.790
Depot Activation	-	-	3.790	-	-	3.900	-	-	48.300	-	-	80.000	-	-	-	-	-	80.000
Retrofits	-	-	-	-	-	-	-	-	-	-	-	120.448	-	-	-	-	-	120.448
<i>Subtotal: Support - F-15EX Cost</i>	-	-	<i>104.391</i>	-	-	<i>90.344</i>	-	-	<i>299.527</i>	-	-	<i>584.708</i>	-	-	-	-	-	<i>584.708</i>
Gross/Weapon System Cost	96.399	12	1,156.791	123.794	10	1,237.940	102.720	24	2,465.287	122.252	24	2,934.039	-	-	-	122.252	24	2,934.039

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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: F015EX / F-15EX	Item Number / Title [DODIC]: F-15EX
ID Code (A=Service Ready, B=Not Service Ready) : B		MDAP/MAIS Code:
<p>Remarks: Airframe recurring costs include EPAWSS procurement for F-15EX aircraft.</p> <p>Engine procurement quantities represent one set per aircraft.</p> <p>Funding for Depot Activation is based on the status of the following Depot Source of Repair (DSOR) approvals for the organic depots: Environmental Control (Complete, 24 Sep 21), Hydraulic Components (Complete, 24 Sep 21), Avionic Components (Complete, 14 Jul 22), and Engine/Powerplant (Complete, 17 Nov 22), and Airframe (Submitted, 23 Nov 22).</p> <p>Several draft Depot Gap Analyses (DGAs) Reports were received in FY 2023 with the anticipation of contractor support for depot activations to begin in FY 2024. The budget was estimated using analogous parts from similar programs. The schedule was forecasted by expected delivery of future and final DGAs and estimated time to procure test equipment, technical data, and other necessary items.</p> <p>Unit Cost Variation Explanation: Variation in requirements and advance procurement funding across FYs has created variation in Gross Weapon System Unit Cost across FYs.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statements: --Funding for AME includes funding for conformal fuel tank (CFT) procurement in FY 2024. --Funding for Support Equipment and Initial Spares is increasing in FY 2024, which includes equipment required to stand up F-15EX capabilities at multiple bases. Other Support Costs include program office support costs, Interim Contractor Support (ICS), and Diminishing Manufacturing Source (DMS) efforts for Airframe and GFE that were deferred until FY 2024. --Funding to retrofit aircraft procured in prior lots to the Lot 5 configuration is included in FY 2024.</p> <p>(t) indicates the presence of a P-5a</p>		

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Exhibit P-5a, Procurement History and Planning: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: F015EX / F-15EX	Item Number / Title [DODIC]: F-15EX
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe ^(†)		2021	Boeing / St. Louis, MO	SS / FPIF	AFLCMC/WA	Nov 2021	May 2024	12	73.600	Y		Oct 2020
Airframe ^(†)		2022	Boeing / St. Louis, MO	SS / FPIF	AFLCMC/WA	Dec 2022	Jan 2025	10	82.652	Y		Mar 2021
Airframe ^(†)		2023	Boeing / St. Louis, MO	SS / FPIF	AFLCMC/WA	Sep 2023	Oct 2025	24	64.656	Y		Nov 2022
Airframe ^(†)		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	69.352	Y		Jun 2023
Engines (2) ^(†)		2021	General Electric / Cincinnati, OH	C / FFP	AFLCMC/WA	Oct 2021	Oct 2023	12	11.200	Y		Jan 2021
Engines (2) ^(†)		2022	General Electric / Cincinnati, OH	C / FFP	AFLCMC/WA	Sep 2022	Sep 2024	10	13.574	Y		Jan 2021
Engines (2) ^(†)		2023	General Electric / Cincinnati, OH	C / FFP	AFLCMC/WA	Jun 2023	Jun 2025	24	11.004	Y		Jan 2021
Engines (2) ^(†)		2024	General Electric / Cincinnati, OH	C / FFP	AFLCMC/WA	Jun 2024	Jun 2026	24	9.782	Y		Jan 2021

Advance Procurement

Airframe: AFT Fuselage		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	1.343	Y		Jun 2023
Airframe: Avionics		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	0.495	Y		Jun 2023
Airframe: Canopy		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	0.009	Y		Jun 2023
Airframe: Center Fuselage		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	0.877	Y		Jun 2023
Airframe: Forward Fuselage		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	0.030	Y		Jun 2023
Airframe: Structures		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	0.642	Y		Jun 2023
Airframe: Subsystems		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	5.974	Y		Jun 2023
Airframe: Wings		2024	Boeing / St. Louis, MO	SS / FFP	AFLCMC/WA	Jun 2024	Oct 2026	24	0.131	Y		Jun 2023

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** F015EX / F-15EX **Item Number / Title [DODIC]:** F-15EX

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022													Fiscal Year 2023													BALANCE	
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022													Calendar Year 2023													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe																																	
1		2021	AF	12	0	12		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12				
1		2022	AF	10	0	10																							10				
1		2023	AF	24	0	24																							24				
1		2024	AF	24	0	24																							24				
Engines (2)																																	
2		2021	AF	12	0	12	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12				
2		2022	AF	10	0	10																							10				
2		2023	AF	24	0	24																							24				
2		2024	AF	24	0	24																							24				
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S			
							C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	A	U	U	A	S			
							T	V	C	N	B	R	P	Y	N	L	G	P	T	V	C	N	B	R	P	Y	N	L	G	P			

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** F015EX / F-15EX **Item Number / Title [DODIC]:** F-15EX

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024														Fiscal Year 2025														BALANCE	
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024														Calendar Year 2025														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Airframe																																			
1	2021	AF		12	0	12	-	-	-	-	-	-	-	-	1	2	1	2	1	2	1	2								0					
1	2022	AF		10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	2	1	2	1		0					
1	2023	AF		24	0	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24						
1	2024	AF		24	0	24									A	-	-	-	-	-	-	-	-	-	-	-	-	-	24						
Engines (2)																																			
2	2021	AF		12	0	12	1	2	1	2	1	2	1	2															0						
2	2022	AF		10	0	10	-	-	-	-	-	-	-	-	-	-	1	2	1	2	1	2	1	2	1				0						
2	2023	AF		24	0	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16						
2	2024	AF		24	0	24									A	-	-	-	-	-	-	-	-	-	-	-	-	-	24						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: F015EX / F-15EX	Item Number / Title [DODIC]: F-15EX
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026												Fiscal Year 2027												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026												Calendar Year 2027												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe																															
1		2021	AF	12	12	0																							0		
1		2022	AF	10	10	0																							0		
1		2023	AF	24	0	24	2	2	2	2	2	2	2	2	2	2	2												0		
1		2024	AF	24	0	24	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	0		
Engines (2)																															
2		2021	AF	12	12	0																							0		
2		2022	AF	10	10	0																							0		
2		2023	AF	24	8	16	2	2	2	2	2	2	2	2															0		
2		2024	AF	24	0	24	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2		0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: F015EX / F-15EX	Item Number / Title [DODIC]: F-15EX
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2024	1-8-5 For 2024	MAX For 2024	Initial				Reorder				
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	
1	Boeing - St. Louis, MO	12	18	24	0	0	0	0	0	3	9	28	37
2	General Electric - Cincinnati, OH	12	18	24	0	0	0	0	0	3	9	24	33

Remarks:
 The FY 2022 schedule reflects 10 aircraft in Lot 3 delivering between Jan and Jul 2025. An FY 2022 above threshold reprogramming request is pending Congressional disposition; if approved, the FY 2022 procurement quantity will be restored to 12 aircraft and extend through September 2025.

Engine procurement quantities represent one set per aircraft.

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces	P-1 Line Item Number / Title: F015EX / F-15EX
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Program Elements for Code B Items: 0207146F	Other Related Program Elements: 0207134F
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Line Item MDAP/MAIS Code: 725

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	133.500	147.919	264.000	228.000	-	228.000	0.000	0.000	0.000	0.000	0.000	773.419
Net Procurement (P-1) (<i>\$ in Millions</i>)	133.500	147.919	264.000	228.000	-	228.000	0.000	0.000	0.000	0.000	0.000	773.419
Total Obligation Authority (<i>\$ in Millions</i>)	133.500	147.919	264.000	228.000	-	228.000	0.000	0.000	0.000	0.000	0.000	773.419

Description:

The F-15EX is based on the 2-seat F-15QA (Qatar) configuration upgraded with USAF-only capabilities, including the Eagle Passive Active Warning and Survivability System (EPAWSS) and the F-15 Operational Flight Program (OFP) software. With two seats, it is multirole-capable and operable by one or two aircrew. F-15EX logistics, maintenance, and training will heavily leverage the existing F-15 infrastructure. F-15EXs will replace F-15C/D aircraft which were produced as early as 1979, are beyond their service life, and have serious structures risks, wire chafing issues, and obsolete parts. Readiness goals are unachievable with F-15C/D aircraft due to continuous structural inspections, time-consuming repairs, and on-going modernization efforts. Advanced Procurement funding will support F-15EX airframe long-lead parts and materials necessary to protect the delivery schedule of the subsequent aircraft lot buy.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces		P-1 Line Item Number / Title: F015EX / F-15EX
Program Elements for Code B Items: 0207146F		Other Related Program Elements: 0207134F

Line Item MDAP/MAIS Code: 725

Exhibits Schedule				Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	F-15EX			12 / 133.500	10 / 147.919	24 / 264.000	24 / 228.000	- / -	24 / 228.000
P-40	Total Gross/Weapon System Cost			12 / 133.500	10 / 147.919	24 / 264.000	24 / 228.000	- / -	24 / 228.000

*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:
 During the FY 2022 President's Budget Cycle, the FY 2022 advanced procurement budget included sufficient funding for the 14 aircraft planned for FY 2023. The FY 2023 aircraft quantity was subsequently increased to 24 without a subsequent increase to the FY 2022 Advance Procurement budget. The remaining required \$105.656M of advance procurement for the full 24 aircraft in Lot 4 was included in the FY 2023 procurement budget.

The FY 2024 budget requests \$228.0M of Advanced Procurement for 24 F-15EX aircraft to be procured in FY 2025. Advance Procurement funding provides for the procurement, fabrication, and manufacturing of long-lead items necessary to maintain the F-15EX aircraft delivery schedule. Funding may also be used to resolve Diminishing Manufacturing Sources and Material Shortages (DMSMS) and/or obsolescence issues. DMSMS activities may include, but are not limited to, bridge buys, life of type buys, buys to protect production schedule, and minor engineering efforts.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2024 Air Force					Date: March 2023		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3			P-1 Line Item Number / Title: F015EX / F-15EX			P-5 Number / Title: F-15EX	
First System (2024) Award Date: June 2024		First System (2024) Completion Date: October 2026			Interval Between Systems: 0 Months		
F-15EX		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2022 <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	
Quantity		12	12	10	24	24	
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2022 <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	
CFE							
Airframe: AFT Fuselage ^(†)		12	18.875	20.913	37.330	32.239	
Airframe: Avionics ^(†)		12	6.953	7.704	13.743	11.869	
Airframe: Canopy ^(†)		12	0.131	0.145	0.250	0.216	
Airframe: Center Fuselage ^(†)		12	12.323	13.654	24.362	21.040	
Airframe: Forward Fuselage ^(†)		12	0.417	0.462	0.825	0.713	
Airframe: Structures ^(†)		12	9.015	9.989	17.840	15.407	
Airframe: Subsystems ^(†)		12	83.945	93.012	166.002	143.366	
Airframe: Wings ^(†)		12	1.841	2.040	3.648	3.150	
<i>Total: CFE</i>			<i>133.500</i>	<i>147.919</i>	<i>264.000</i>	<i>228.000</i>	
Total Advance Procurement/Obligation Authority			133.500	147.919	264.000	228.000	

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2024 Air Force						Date: March 2023	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3			P-1 Line Item Number / Title: F015EX / F-15EX			P-5 Number / Title: F-15EX	
Cost Elements	QPA <i>(Each)</i>	FY 2024					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2024 Qty <i>(Each)</i>	For FY	
CFE							
Airframe: AFT Fuselage ^(†)	1	25	1.343	Jun 2024	24		32.239
Airframe: Avionics ^(†)	1	25	0.495	Jun 2024	24		11.869
Airframe: Canopy ^(†)	1	25	0.009	Jun 2024	24		0.216
Airframe: Center Fuselage ^(†)	1	25	0.877	Jun 2024	24		21.040
Airframe: Forward Fuselage ^(†)	1	25	0.030	Jun 2024	24		0.713
Airframe: Structures ^(†)	1	25	0.642	Jun 2024	24		15.407
Airframe: Subsystems ^(†)	1	25	5.974	Jun 2024	24		143.366
Airframe: Wings ^(†)	1	25	0.131	Jun 2024	24		3.150
<i>Total: CFE</i>							<i>228.000</i>
Total Advance Procurement/Obligation Authority							228.000

Description:

The FY 2024 budget requests \$228.0M of Advanced Procurement for long-lead materials for 24 F-15EX aircraft to be procured in FY 2025.

^(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date: March 2023**

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 2: Tactical Airlift **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:** 0605221F

Line Item MDAP/MAIS Code: 387

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	95	14	15	15	-	15	15	15	6	-	-	175
Gross/Weapon System Cost (<i>\$ in Millions</i>)	15,412.577	2,289.015	2,458.717	2,882.590	-	2,882.590	2,843.554	2,835.248	1,548.227	0.000	356.988	30,626.916
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	15,412.577	2,289.015	2,458.717	2,882.590	-	2,882.590	2,843.554	2,835.248	1,548.227	0.000	356.988	30,626.916
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	15,412.577	2,289.015	2,458.717	2,882.590	-	2,882.590	2,843.554	2,835.248	1,548.227	0.000	356.988	30,626.916

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

Initial Spares (<i>\$ in Millions</i>)	1,228.362	154.207	100.938	195.184	-	195.184	251.280	255.597	150.383	-	-	2,335.951
Flyaway Unit Cost (<i>\$ in Millions</i>)	147.837	156.531	153.488	163.114	-	163.114	168.399	164.916	178.634	-	-	154.608
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	162.238	163.501	163.914	192.173	-	192.173	189.570	189.017	258.038	-	-	175.011

Description:

Replacement of the legacy tanker fleet will take place in several stages. The initial tanker replacement increment of KC-46s will replace roughly a third of the current capability. Future programs will ultimately recapitalize the entire tanker fleet over a period of more than 30 years. The Air Force completed an Analysis of Alternatives (AoA) in Apr 2006 to determine the most appropriate strategy to recapitalize the aging fleet of aerial refueling aircraft. Based on this analysis, the Air Force concluded a strategy of full and open competition to select a commercial derivative replacement tanker aircraft would result in a best value tanker contract. To initiate the first phase of the tanker replacement, the KC-46 program released a final Request for Proposal (RFP) on 24 Feb 2010, and entered source selection on 9 Jul 2010. The KC-46 program held a Milestone B (MS B) Defense Acquisition Board (DAB) on 23 Feb 2011, received approval to enter Engineering and Manufacturing Development (EMD) from the Undersecretary of Defense (Acquisition, Technology and Logistics) (USD(AT&L)) on 24 Feb 2011, and awarded the KC-46 EMD contract to Boeing on 24 Feb 2011 to develop and procure 179 KC-46 aircraft. The program is procuring four RDT&E aircraft for integration and demonstration of capability which will ultimately be operationally fielded. During production, the program plans to procure 175 aircraft throughout 13 lots. The KC-46 program held a MS C DAB on 12 Aug 2016 and received approval to enter Low Rate Initial Production (LRIP). The program awarded LRIP Lots 1 and 2 on 18 Aug 2016, LRIP Lot 3 on 27 Jan 2017, LRIP Lot 4 on 10 Sep 2018, and LRIP Lot 5 on 27 Sep 2019. Lot 6 awarded on 12 Jan 2021, Lot 7 awarded on 20 Jan 2021, Lot 8 awarded 31 Aug 2022, and Lot 9 awarded 27 Jan 2023, bringing the total number of aircraft on production contract to 124. Initial sustainment effort is provided via Interim Contractor Support (ICS) as the program is transitioning to organic sustainment. KC-46 funding also supports Training Systems, Support Equipment, Operational Site Activation, Depot Stand-Up, Alternate Mission Equipment (AME), Direct Mission Support, Program Support Costs (PSC) activities, Other Government Costs (OGC), various studies and analyses, future tanker replacement planning activities, long lead items, and potential Diminishing Manufacturing Sources (DMS) and obsolescence planning activities.

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 first DD250 was signed on 10 Jan 2019. The Air Force delivered the first KC-46 to McConnell Air Force Base on 25 Jan 2019. As of 1 Mar 2023, 68 aircraft have been delivered to the Air Force via DD250.

The Aircrew Training System (ATS) and Maintenance Training System (MTS) are being procured using KC-46 funding. The ATS contract was awarded on 1 May 2013 to Flight Safety Services Corporation, now known as Flight Safety International - Defense. The ATS contract will provide Aircrew Training Devices (ATDs), to include Weapon System Trainers (WSTs), Boom Operator Trainers (BOTs), Fuselage Trainers (FuTs), Part-Task Trainers (PTTs), and emerging technologies to meet validated Air Mobility Command (AMC) aircrew training requirements at each Main Operating Base (MOB) and the Formal Training Unit (FTU). The ATS contract will also support Distributed Mission Operations (DMO), provide aircrew instruction, develop courseware, provide logistics support, acquire a technical data package to support future competition efforts, and manage training device/courseware concurrency with the aircraft. The first eight ATS production options were exercised on 19 Aug 2015, 31 May 2017, 30 Apr 2018, 31 Mar 2019, 27 Feb 2020, 4 Mar 2021, 24 Feb 2022, and 15 Nov 2022.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 2: Tactical Airlift		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: 0605221F
Line Item MDAP/MAIS Code: 387		

The MTS contract was awarded 6 Jul 2016 to The Boeing Company. The MTS acquisition focuses on designing, developing, testing, producing, and fielding an optimized training system for KC-46 maintainers by integrating various forms of training media and Maintenance Training Devices (MTDs) into a "blended" solution. This blended solution includes the appropriate mix of hardware and software, "high-fidelity" Augmented Hardware Training Devices (AHTDs), Part Task Trainers (PTTs), Interactive Multimedia Instruction (IMI), and emerging technologies to meet validated AMC maintenance training requirements. An MTS initial production option for 19 Virtual Maintenance Training Systems (VMTS) classrooms was exercised on 15 Jun 2017 in support of Main Operating Base (MOB) #1's ready for training dates. In addition, on 5 Aug 2019 an option was exercised to acquire the remaining two Flight Deck Avionics Trainers (FDAT) to complete the compliment of hardware training devices for McConnell AFB (MOB #1). DD250s for all the classrooms at MOB #1 were signed and delivery was made in Dec 2018. In Dec 2022 USAF completed final DD250 of the following training devices: Engine/APU, Fuels, and Fight Deck Avionics Trainer. Additionally, the option to exercise purchases of classrooms for MOB #4a and #4b was awarded 19 May 2021 in order to provide an initial classroom training capability to MOB #4a and #4b.

The MS B acquisition strategy planned for two LRIP lots followed by 11 Full-Rate Production (FRP) lots for a total aircraft procurement of 175 production aircraft. An update to the acquisition strategy occurred in support of MS C that increased LRIP from two to four lots, with the total aircraft buy remaining at 175 production aircraft. The MS C acquisition strategy for Large Aircraft Infrared Countermeasures (LAIRCM) changed from Contractor Furnished Equipment (CFE) to Government Furnished Property (GFP) in FY 2017 and FY 2017 funding procured LAIRCM for Lot 3 and Lot 4 aircraft. FY 2024 funding provides for the procurement of LAIRCM in time to support future year aircraft production. A Dec 2017 USD(AT&L) Acquisition Decision Memorandum expanded LRIP to include Lot 5. Another Program Deviation Report was submitted on June 8, 2020, to declare a breach to the Full Rate Production Decision. A new APB dated 19 Oct 2020 was approved, and an ADM dated 20 Oct 2020 re-designated Lots 6 through 9 as LRIP. Approval to procure future Lots as LRIP is being addressed.

Note: Initial Spares were procured with Aircraft Procurement, Air Force (APAF), Aircraft Weapon System funding in FY 2015 and transitioned to APAF, Aircraft Initial Spares and Repairs funding in FY 2016. Spare engines are included within the Initial Spares line.

KC-46 is code B as it has not yet completed a FRP decision. The KC-46 program successfully completed Critical Design Review (CDR) in Aug 2013. Live Fire Testing began in Apr 2011 and completed in FY 2016. KC-46 First Flight occurred on 25 Sep 2015. Developmental Test and Evaluation (DT&E) completed in the first quarter of FY 2019 with the use of LRIP aircraft. Initial Operational Test and Evaluation (IOT&E) formally began in Oct 2019.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), the KC-46 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.

The FY 2024 funding request was reduced by \$1.587 million to account for the availability of prior year execution balances.

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

Funding for this exhibit is contained in PE 0401221F.

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

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 2: Tactical Airlift **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:** 0605221F

Line Item MDAP/MAIS Code: 387

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	KC-46A MDAP	P-5a, P-21	B		95 / 15,412.577	14 / 2,289.015	15 / 2,458.717	15 / 2,882.590	- / -	15 / 2,882.590
P-40	Total Gross/Weapon System Cost				95 / 15,412.577	14 / 2,289.015	15 / 2,458.717	15 / 2,882.590	- / -	15 / 2,882.590

*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 FY 2024 budget supports the procurement of 15 KC-46A aircraft along with other necessary associated expenses to deliver, sustain, and maintain the Lot 10 aircraft, to include Support Equipment, Operational Site Activation, Depot Stand-Up, ICS, Alternate Mission Equipment (e.g., Thermal Curtains, Palletized Seating), and Direct Mission Support. FY 2024 funding provides for the procurement of long-lead Government Furnished Equipment (GFE) (e.g., LAIRCM) in support of future year aircraft production. It also funds starting production of low-technical risk parts of the corrected Boom Telescope Actuator kits that require approximately 24 months to manufacture; this enables kit install starting in FY 2026.

PSC activities for contractor services and OGCs are included in the FY 2024 funding. The FY 2024 funding will also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

The KC-46 FY 2024 funding will include ATS procurement of ATDs and compulsory elements required to support Aircrew Training throughput levels as identified by AMC.

The aircraft initial spares program funds are required to fill the initial spares parts pipeline and repair spare parts in support of newly fielded aircraft. These initial spares include spare engines. This program meets Air Mobility Command's bed-down plan for KC-46A.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2	P-1 Line Item Number / Title: KC046A / KC-46A MDAP	Item Number / Title [DODIC]: KC-46A MDAP
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	95	14	15	15	-	15
Gross/Weapon System Cost (\$ in Millions)	15,412.577	2,289.015	2,458.717	2,882.590	-	2,882.590
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	15,412.577	2,289.015	2,458.717	2,882.590	-	2,882.590
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	15,412.577	2,289.015	2,458.717	2,882.590	-	2,882.590

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

Initial Spares (\$ in Millions)	1,228.362	154.207	100.938	195.184	-	195.184
Gross/Weapon System Unit Cost (\$ in Millions)	162.238	163.501	163.914	192.173	-	192.173

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - Flyaway End Item Cost																		
Non Recurring Cost																		
Airframe ^(†)	142.877	95	13,573.279	149.066	14	2,086.921	150.370	15	2,255.557	153.619	15	2,304.279	-	-	-	153.619	15	2,304.279
AME Wing Aerial Refueling Pod (WARP) kits	5.394	25	134.850	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Boom Telescope Actuator	-	-	0.000	-	-	0.000	-	-	0.000	-	-	88.366	-	-	-	-	-	88.366
AWL	-	-	81.671	-	-	44.161	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
GFE (LAIRCM)	2.546	99	252.075	3.017	20	60.349	3.117	15	46.756	3.207	15	48.099	-	-	-	3.207	15	48.099
AME (Other)	-	-	2.622	-	-	0.000	-	-	0.000	-	-	5.965	-	-	-	-	-	5.965
RVS 2.0 Pan Sensor Hardware	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>14,044.497</i>	-	-	<i>2,191.431</i>	-	-	<i>2,302.313</i>	-	-	<i>2,446.709</i>	-	-	-	-	-	<i>2,446.709</i>
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	<i>14,044.497</i>	-	-	<i>2,191.431</i>	-	-	<i>2,302.313</i>	-	-	<i>2,446.709</i>	-	-	-	-	-	<i>2,446.709</i>
Support - Support End Item Cost																		
Init. Spares	-	-	168.686	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Aircrew Training Systems (ATS)	-	-	237.362	-	-	3.178	-	-	39.358	-	-	42.559	-	-	-	-	-	42.559
Maintenance Training Systems (MTS)	-	-	8.276	-	-	1.755	-	-	37.951	-	-	11.036	-	-	-	-	-	11.036
Support Equipment	-	-	273.199	-	-	16.951	-	-	7.899	-	-	10.700	-	-	-	-	-	10.700

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Exhibit P-5, Cost Analysis: PB 2024 Air Force												Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2						P-1 Line Item Number / Title: KC046A / KC-46A MDAP						Item Number / Title [DODIC]: KC-46A MDAP					
ID Code (A=Service Ready, B=Not Service Ready) : B										MDAP/MAIS Code:							

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Operational Site Activation	-	-	6.611	-	-	1.007	-	-	3.230	-	-	0.086	-	-	-	-	-	0.086
Depot Stand-Up	-	-	142.823	-	-	53.499	-	-	20.410	-	-	314.365	-	-	-	-	-	314.365
Interim Contractor Support	-	-	383.469	-	-	7.174	-	-	2.801	-	-	1.952	-	-	-	-	-	1.952
Direct Mission Support	-	-	27.515	-	-	3.820	-	-	12.127	-	-	7.641	-	-	-	-	-	7.641
PSC - Contractor Services	-	-	81.108	-	-	0.460	-	-	24.139	-	-	23.271	-	-	-	-	-	23.271
PSC - Other Government Costs	-	-	39.031	-	-	9.740	-	-	8.489	-	-	24.271	-	-	-	-	-	24.271
Aeromedical Evacuation Cargo Compartment Trainer	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Support - Support End Item Cost</i>	-	-	1,368.080	-	-	97.584	-	-	156.404	-	-	435.881	-	-	-	-	-	435.881
Gross/Weapon System Cost	162.238	95	15,412.577	163.501	14	2,289.015	163.914	15	2,458.717	192.173	15	2,882.590	-	-	-	192.173	15	2,882.590

Remarks:

Initial Spares were procured with Aircraft Procurement, Air Force (APAF), Aircraft Weapons System funding in FY 2015 and transitioned to APAF, Aircraft Initial Spares and Repairs funding in FY 2016. Spare engines are included within the Initial Spares line.

Depot Source of Repair (DSOR) #06-038 determined Oklahoma City-Air Logistics Complex as DSOR for KC-46 in 2006. The depot will conduct aircraft maintenance checks, software maintenance, engine maintenance, and commodities. Transition to Organic Sustainment began in Summer 2022, but depot standup will continue along with a gradual transition period. The timing of the increase in depot standup funding correlates to the timing of aircraft deliveries, which began in Jan 2019.

The Depot Stand-up line contains funding for Depot support equipment and Initial Operating Equipment, Software Sustainment Organic Capability Standup (SSOCS)/Government Software Integration Lab (SSOCS/G-SIL), and Commodities Activations. Depot standup efforts increased significantly in FY 2024 primarily driven by the SSOCS/G-SIL and Commodities Activations.

Due to program delays, ICS Period 1 was extended at no cost to the government. This extension facilitated the realignment of funding for subsequent ICS Periods (2-5). ICS Period 3 awarded in June 2019 using FY 2017 funds. ICS funding requirements return to normal in FY 2020 with ICS Period 4. ICS Period 5 was funded with FY 2021 funds. ICS funds after FY 2021 are primarily for a separate contract for LAIRCM ICS.

AMC's current operational strategy is for all KC-46 aircraft to be capable of utilizing Wing Aerial Refueling Pods (WARPs), but there is currently no requirement to procure an equal number of WARPs to aircraft. Instead, the WARPs will be used on select missions, as needed. The program was initially going to procure a total of 42 WARP kits but has since reduced the requirement to 29 shipsets, adhering to a 2 Jun 2022 memo from AMC/A5/8.

Flyaway cost elements (Boom Telescope Actuator, Air Worthiness Limitations (AWL), LAIRCM, & AME) have been broken out to show a lower level of detail to accurately reflect the acquisition strategy and execution of these requirements. Air Worthiness Limitations Activity are efforts to relieve limitations driven by FAA Air Worthiness Supplemental Type Certification (STC), as the STC did not adequately

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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2	P-1 Line Item Number / Title: KC046A / KC-46A MDAP	Item Number / Title [DODIC]: KC-46A MDAP
ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:	
<p>incorporate aerial refueling usage profiles with KC-46A acting as a receiver aircraft. This has limited the allowed hours in close proximity and number of refueling receptacle contacts when unloading fuel from another tanker's boom. AWL Activity will increase allowed hours in close proximity from 500 to 5,000 hours and receptacle contacts from 2,000 to 40,000.</p> <p>Boom Telescope Actuator funding is for the procurement of kits and installation of Category I Deficiency Correction actuators and associated components for fielded aircraft. Funding the correction of this deficiency was directed by SAF/AQ when approving the Boom Telescope Actuator Redesign (BTAR) EMD Acquisition Strategy in Mar 2019.</p> <p>The Support cost element Data, which existed in previous budget documentation, has been removed. The contract currently allows for Data as Not Separately Priced (NSP) Options which will be exercised along with each Aircraft Lot buy.</p> <p>Unit Cost Variations: The Airframe unit cost is based on the aircraft not to exceed (NTE) amount during the KC-46 competition. These prices and projected escalation vary from year to year, leading to variability in the unit cost. In addition, fluctuations are driven by non-recurring contract costs associated with the Production of the aircraft.</p> <p>(t) indicates the presence of a P-5a</p>		

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Exhibit P-5a, Procurement History and Planning: PB 2024 Air Force							Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2			P-1 Line Item Number / Title: KC046A / KC-46A MDAP				Item Number / Title [DODIC]: KC-46A MDAP				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe ^(†)		2015	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Aug 2016	Jan 2019	7	160.387	Y		Feb 2016
Airframe ^(†)		2016	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Aug 2016	Jan 2019	12	143.335	Y		Feb 2016
Airframe ^(†)		2017	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Jan 2017	Jan 2019	15	138.367	Y		Nov 2015
Airframe ^(†)		2018	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Sep 2018	Aug 2019	18	142.878	Y		Oct 2016
Airframe ^(†)		2019	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Sep 2019	Oct 2021	15	141.502	Y		Dec 2017
Airframe ^(†)		2020	Boeing / Everett	C / FFP	AFLCMC/WL - Mobiity	Jan 2021	Oct 2022	12	141.864	Y		Oct 2018
Airframe ^(†)		2021	Boeing / Everett	C / FFP	AFLCMC/WL - Mobiity	Jan 2021	Jul 2023	16	143.416	Y		Oct 2018
Airframe ^(†)		2022	Boeing / Everett	C / FFP	AFLCMC/WL - Mobiity	Aug 2022	Jun 2024	14	149.066	Y		Jul 2020
Airframe ^(†)		2023	Boeing / Everett	C / FFP	AFLCMC/WL - Mobiity	Jan 2023	Mar 2025	15	150.370	Y		Jul 2020
Airframe ^(†)		2024	Boeing / Everett	C / FFP	AFLCMC/WL - Mobiity	Jan 2024	Feb 2026	15	153.619	Y		Mar 2023

^(†) indicates the presence of a P-21

Remarks:

Specs Available Now: These lots are pre-negotiated options to the KC-46 EMD contract based on the current aircraft system specification. The initial product baseline established at CDR supported the MS C decision and LRIP. Boeing is responsible for the correction of any deficiencies discovered in the KC-46 weapon system components (e.g., air vehicle, support equipment, training) during EMD to include the periods of integrated test (DT, OT, FAA, AR Cert) through IOT&E or after collection of receiver certification data for seventeen (17) receiver aircraft pairings during Phase 3 AR Cert, whichever occurs later. This product baseline will be finalized and validated at the Physical Configuration Audit Update.

Unit Cost Variations: The Airframe unit cost is based on the aircraft not to exceed (NTE) amount during the KC-46 competition. These prices and projected escalation vary from year to year, leading to variability in the unit cost. In addition, fluctuations are driven by non-recurring contract costs associated with the production of the aircraft.

15 aircraft were procured in Lot 8, of which 14 were procured with FY2022 funds, and 1 aircraft with FY2021 funds. As such, a total of 16 aircraft were procured with FY2021 funds, and 14 aircraft with FY2022 funds, as shown in these exhibits. However, in this P-21, the "Proc Qty" shown as awarded should be 15 aircraft awarded in 2021 (Lot 7) and 15 aircraft awarded in 2022 (Lot 8). In addition, the last delivery date of the 2021-awarded aircraft should be May 2024, and the first delivery date of the 2022-awarded aircraft should be Jun 2024.

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A MDAP **Item Number / Title [DODIC]:** KC-46A MDAP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016														Fiscal Year 2017														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016														Calendar Year 2017														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Airframe																																			
1		2015	AF ⁽¹⁾	7	0	7																							7						
1		2016	AF ⁽²⁾	12	0	12																							12						
1		2017	AF ⁽³⁾	15	0	15																							15						
1		2018	AF ⁽⁴⁾	18	0	18																							18						
1		2019	AF	15	0	15																							15						
1		2020	AF	12	0	12																							12						
1		2021	AF	16	0	16																							16						
1		2022	AF	14	0	14																							14						
1		2023	AF	15	0	15																							15						
1		2024	AF	15	0	15																							15						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A MDAP **Item Number / Title [DODIC]:** KC-46A MDAP

Cost Elements <i>(Units in Each)</i>				Fiscal Year 2018														Fiscal Year 2019														BALANCE				
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018														Calendar Year 2019															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
Airframe																																				
1	2015	AF ⁽¹⁾	7	0	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	5
1	2016	AF ⁽²⁾	12	0	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	4
1	2017	AF ⁽³⁾	15	0	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	0	
1	2018	AF ⁽⁴⁾	18	0	18												A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13		5	
1	2019	AF	15	0	15																													A -	15	
1	2020	AF	12	0	12																														12	
1	2021	AF	16	0	16																														16	
1	2022	AF	14	0	14																														14	
1	2023	AF	15	0	15																														15	
1	2024	AF	15	0	15																														15	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A MDAP **Item Number / Title [DODIC]:** KC-46A MDAP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020													Fiscal Year 2021													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020													Calendar Year 2021													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe																																	
1		2015	AF ⁽¹⁾	7	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5				
1		2016	AF ⁽²⁾	12	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4				
1		2017	AF ⁽³⁾	15	15	0																							0				
1		2018	AF ⁽⁴⁾	18	13	5																							5				
1		2019	AF	15	0	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15				
1		2020	AF	12	0	12															A	-	-	-	-	-	-	-	12				
1		2021	AF	16	0	16															A	-	-	-	-	-	-	-	16				
1		2022	AF	14	0	14																							14				
1		2023	AF	15	0	15																							15				
1		2024	AF	15	0	15																							15				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A MDAP **Item Number / Title [DODIC]:** KC-46A MDAP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022												Fiscal Year 2023												BALANCE	
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022												Calendar Year 2023												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe																															
1		2015	AF ⁽¹⁾	7	2	5	-	-	-	-	-	-	1	1	2	1													0		
1		2016	AF ⁽²⁾	12	8	4	-	-	-	-	-	1																	3		
1		2017	AF ⁽³⁾	15	15	0																							0		
1		2018	AF ⁽⁴⁾	18	13	5																							5		
1		2019	AF	15	0	15	1	2	3	1	2	-	-	-	1	2	2	1											0		
1		2020	AF	12	0	12	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	2	1	2	1			0		
1		2021	AF	16	0	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	13		
1		2022	AF	14	0	14										A	-	-	-	-	-	-	-	-	-	-	-	-	14		
1		2023	AF	15	0	15															A	-	-	-	-	-	-	-	15		
1		2024	AF	15	0	15																							15		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A MDAP **Item Number / Title [DODIC]:** KC-46A MDAP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024												Fiscal Year 2025												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024												Calendar Year 2025												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe																															
1	1	2015	AF ⁽¹⁾	7	7	0																						0			
1	1	2016	AF ⁽²⁾	12	9	3																						3			
1	1	2017	AF ⁽³⁾	15	15	0																						0			
1	1	2018	AF ⁽⁴⁾	18	13	5																						5			
1	1	2019	AF	15	15	0																						0			
1	1	2020	AF	12	12	0																						0			
1	1	2021	AF	16	3	13	2	2	1	2	2	2	1	1														0			
1	1	2022	AF	14	0	14	-	-	-	-	-	-	-	-	2	2	1	1	2	1	2	1	2					0			
1	1	2023	AF	15	0	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	2	1	1	5	
1	1	2024	AF	15	0	15				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A MDAP **Item Number / Title [DODIC]:** KC-46A MDAP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026													Fiscal Year 2027													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026													Calendar Year 2027													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe																																	
1		2015	AF ⁽¹⁾	7	7	0																							0				
1		2016	AF ⁽²⁾	12	9	3																							3				
1		2017	AF ⁽³⁾	15	15	0																							0				
1		2018	AF ⁽⁴⁾	18	13	5																							5				
1		2019	AF	15	15	0																							0				
1		2020	AF	12	12	0																							0				
1		2021	AF	16	16	0																							0				
1		2022	AF	14	14	0																							0				
1		2023	AF	15	10	5	2	1	1	1																			0				
1		2024	AF	15	0	15	-	-	-	-	2	1	1	2	1	1	1	2	1	1	1	1									0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2		P-1 Line Item Number / Title: KC046A / KC-46A MDAP
Item Number / Title [DODIC]: KC-46A MDAP		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2024	1-8-5 For 2024	MAX For 2024	Initial				Reorder				
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	
1	Boeing - Everett	12	15	15	0	0	0	0	0	0	4	25	29

Remarks:
 Minimum Sustaining Rate (MSR) for production is 12 aircraft/year.
 Economic Rate does not reflect 1 shift of 8 hours 5 days a week; aligns to Boeing's operating plan (2 shifts of 8 hours each 5 days a week).
 Admin Lead Time to definitize Not to Exceed (NTE) production options is 18-24 months; definitization of NTE does not have to occur prior to option award.
 Aircraft acceptance dates in above schedule reflect date of DD Form 250, Material Inspection and Receiving Report, not date of ferry flight from vendor's production facility to Air Force assigned operating location.
 Production deliveries exceeding the 12 month period:
 Boeing made a business decision to build aircraft at risk, ahead of contract award, in order to meet original contract requirements to deliver Required Assets Available (RAA) of 18 aircraft by August 2017. These 18 aircraft are part of Lot 1, Lot 2, and Lot 3. Due to continued KC-46 design changes during development, aircraft in Lot 1 required significant change incorporation to bring them up to the production baseline. This change incorporation delayed Lot 1 aircraft deliveries.
 The first aircraft deliveries occurred on 25 Jan 2019.
 15 aircraft were procured in Lot 8, of which 14 were procured with FY2022 funds, and 1 aircraft with FY2021 funds. As such, a total of 16 aircraft were procured with FY2021 funds, and 14 aircraft with FY2022 funds, as shown in these exhibits. However, in this P-21, the "Proc Qty" shown as awarded should be 15 aircraft awarded in 2021 (Lot 7) and 15 aircraft awarded in 2022 (Lot 8). In addition, the last delivery date of the 2021-awarded aircraft should be May 2024, and the first delivery date of the 2022-awarded aircraft should be Jun 2024.
 "A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:
 (1) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2021 loaded in the month of first delivery.
 (2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2021 loaded in the month of first delivery.
 (3) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2021 loaded in the month of first delivery.
 (4) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2021 loaded in the month of first delivery.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130J0 / C-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207230F, 0207237F

Line Item MDAP/MAIS Code: 220

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	182	20	16	-	-	-	-	-	-	-	-	218
Gross/Weapon System Cost (<i>\$ in Millions</i>)	16,415.505	2,385.206	1,775.293	34.921	-	34.921	0.000	0.000	0.000	0.000	0.000	20,610.925
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	0.000	0.000
Net Procurement (P-1) (<i>\$ in Millions</i>)	16,415.505	2,385.206	1,775.293	34.921	-	34.921	0.000	0.000	0.000	0.000	0.000	20,610.925
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	0.000	0.000
Total Obligation Authority (<i>\$ in Millions</i>)	16,415.505	2,385.206	1,775.293	34.921	-	34.921	0.000	0.000	0.000	0.000	0.000	20,610.925

(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>)	71.331	102.266	106.250	-	-	-	-	-	-	-	-	76.732
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	90.195	119.260	110.956	-	-	-	-	-	-	-	-	94.546

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 EC-130J (airborne psychological operations), WC-130J (weather reconnaissance), HC-130J (combat search and rescue), MC-130J (special operations), and the AC-130J (close air support and armed reconnaissance). The HC-130J, MC-130J, and AC-130J variants are addressed in their own budget documents.

17 C-130Js were procured with National Guard, Reserve Equipment Account (NGREA) funds early in the program.

Funding for this exhibit is contained in PE 0401132F.

Program funding, including Congressional Add funding, includes efforts related to, but not limited to, Diminishing Manufacturing Sources, Depot Activation, Production cut-ins, Program Support Costs, Initial Spares, and Studies and/or Risk Reduction efforts.

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

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130J0 / C-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207230F, 0207237F

Line Item MDAP/MAIS Code: 220

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	C-130J		A		182 / 16,415.505	20 / 2,385.206	16 / 1,775.293	- / 34.921	- / -	- / 34.921
P-40	Total Gross/Weapon System Cost				182 / 16,415.505	20 / 2,385.206	16 / 1,775.293	- / 34.921	- / -	- / 34.921

*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:
 FY 2024 funding supports program requirements including logistics support services, engineering support services, Diminishing Manufacturing Sources, program support costs, and post delivery support.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130J0 / C-130J	Item Number / Title [DODIC]: C-130J
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	182	20	16	-	-	-
Gross/Weapon System Cost (\$ in Millions)	16,415.505	2,385.206	1,775.293	34.921	-	34.921
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	16,415.505	2,385.206	1,775.293	34.921	-	34.921
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	16,415.505	2,385.206	1,775.293	34.921	-	34.921

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

Initial Spares (\$ in Millions)	-	-	0.000	0.000	-	0.000
Gross/Weapon System Unit Cost (\$ in Millions)	90.195	119.260	110.956	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - Flyaway End Item Cost																		
Recurring Cost																		
Airframe	69.321	182	12,616.398	98.840	20	1,976.800	102.691	16	1,643.054	-	-	-	-	-	-	-	-	-
Other Government Furnished Equipment	-	-	365.854	-	-	68.513	-	-	56.946	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	12,982.252	-	-	2,045.313	-	-	1,700.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	12,982.252	-	-	2,045.313	-	-	1,700.000	-	-	-	-	-	-	-	-	-
Support - Support End Item Cost																		
Airframe Peculiar Ground Support Equipment (PGSE)	-	-	23.872	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peculiar Training Equipment	-	-	304.274	-	-	10.808	-	-	4.442	-	-	-	-	-	-	-	-	-
Engineering and Logistics Services	-	-	69.588	-	-	5.719	-	-	3.830	-	-	3.880	-	-	-	-	-	3.880
Diminishing Manufacturing Sources (DMS)	-	-	264.531	-	-	249.776	-	-	57.142	-	-	21.820	-	-	-	-	-	21.820
Interim Contractor Support (ICS)	-	-	103.904	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interim Supply Support (ISS) (Spares)	-	-	983.835	-	-	63.000	-	-	-	-	-	-	-	-	-	-	-	-
Post Delivery Support	-	-	174.899	-	-	3.396	-	-	2.955	-	-	1.532	-	-	-	-	-	1.532
Organic Depot Support	-	-	34.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2024 Air Force												Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3						P-1 Line Item Number / Title: C130J0 / C-130J						Item Number / Title [DODIC]: C-130J					
ID Code (A=Service Ready, B=Not Service Ready) : A												MDAP/MAIS Code:					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Program Support Costs	-	-	138.304	-	-	6.603	-	-	6.924	-	-	7.689	-	-	-	-	-	7.689
Product/Other Support	-	-	3.292	-	-	0.591	-	-	-	-	-	-	-	-	-	-	-	-
Alternate Mission Equipment	-	-	3.458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	1,329.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	3,433.253	-	-	339.893	-	-	75.293	-	-	34.921	-	-	-	-	-	34.921
Gross/Weapon System Cost	90.195	182	16,415.505	119.260	20	2,385.206	110.956	16	1,775.293	-	-	34.921	-	-	-	-	-	34.921

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JM / MC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	72	3	-	-	-	-	-	-	-	-	-	75
Gross/Weapon System Cost (<i>\$ in Millions</i>)	6,779.668	266.049	40.351	0.000	-	0.000	0.000	0.058	0.061	0.061	0.000	7,086.248
Less PY Advance Procurement (<i>\$ in Millions</i>)	728.502	46.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	774.502
Net Procurement (P-1) (<i>\$ in Millions</i>)	6,051.166	220.049	40.351	0.000	-	0.000	0.000	0.058	0.061	0.061	0.000	6,311.746
Plus CY Advance Procurement (<i>\$ in Millions</i>)	774.502	-	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	774.502
Total Obligation Authority (<i>\$ in Millions</i>)	6,825.668	220.049	40.351	0.000	-	0.000	0.000	0.058	0.061	0.061	0.000	7,086.248

(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>)	76.552	86.491	-	-	-	-	-	-	-	-	-	76.949
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	94.162	88.683	-	-	-	-	-	-	-	-	-	94.483

Description:

Note: An additional 20 MC-130Js were procured on separate P-1 lines from FY08-FY14 for a true Prior Years Total of 92.

HC/MC-130 Recapitalization ("Recap") produces and modifies HC/MC-130J aircraft to replace the USAF's aging legacy Combat Rescue HC-130P/N and Special Operations MC-130E/P/H aircraft, which are experiencing airworthiness, maintainability and operational limitations. The Recap program incorporates production line modifications to the C-130J common/baseline configuration to convert them to the HC/MC model, and also funds post-production modifications to add special mission systems required for behind-enemy-line operations required of Combat Rescue and Special Operations aircraft.

The first seven MC-130s were purchased under the C-130J budget line. The following 15 aircraft were purchased under the combined HC/MC-130 Recap budget line. Beginning in FY11 the HC-130 and MC-130 were budgeted in separate budget lines for improved transparency. The total buy of MC-130J was 95 aircraft. The HC/MC-130 Recap program included two MYP contracts MYII FY14-18 and MYP III FY19-23, AF procured through FY22.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0605278F.

Program funding includes but is not limited to purchase of Airframes, Engines, Government Furnished Equipment, Large Aircraft Infrared-Counter Measures (LAIRCM), Common & Peculiar production support equipment, Trainers, Pub/Tech Data, Diminishing Manufacturing Sources, Interim Contractor Support, Post Delivery Support, Spares, Data, Program Support Costs (PSC) Government Services, & other associated costs such as Depot Activation costs which permits the initiation of studies to support rapid requirement fielding activities, and allows for corrections of production deficiencies.

The DSOR 17-001F was modified in 2018 to include AC/HC and MC-130J and all variants for programmed depot level maintenance (PDM) and unscheduled depot level maintenance (UDLM) on the aircraft. Depot support at Robins is primarily composed of basic airframes subject to organic depot level maintenance (e.g. programmed depot maintenance, analytical condition inspection, regular incorporation of depot level modifications/Time Compliance Technical Orders (TCTOs), etc.) This support also includes structural member, control surfaces, and other integral airframe components. This funding request will support obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Funding for this exhibit is contained in PE 0207230F.

Beginning in FY24 post-production funding has been realigned to BA 7 Post Production Support, P-74.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JM / MC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	MC-130J		A		72 / 6,779.668	3 / 266.049	- / 40.351	- / 0.000	- / -	- / 0.000
P-40	Total Gross/Weapon System Cost				72 / 6,779.668	3 / 266.049	- / 40.351	- / 0.000	- / -	- / 0.000

*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:

No FY 2024 funding requested.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JM / MC-130J	Item Number / Title [DODIC]: MC-130J

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	72	3	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	6,779.668	266.049	40.351	0.000	-	0.000
Less PY Advance Procurement (\$ in Millions)	728.502	46.000	0.000	0.000	-	0.000
Net Procurement (P-1) (\$ in Millions)	6,051.166	220.049	40.351	0.000	-	0.000
Plus CY Advance Procurement (\$ in Millions)	774.502	-	0.000	0.000	-	0.000
Total Obligation Authority (\$ in Millions)	6,825.668	220.049	40.351	0.000	-	0.000

(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)	94.162	88.683	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - Flyaway End Item Cost																		
Recurring Cost																		
Airframe/Engines/Accessories	71.894	72	5,176.368	86.491	3	259.472	-	-	0.000	-	-	-	-	-	-	-	-	-
Government Furnished Equipment (GFE)	-	-	190.929	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
LAIRCM Group B	-	-	144.431	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>5,511.728</i>	<i>-</i>	<i>-</i>	<i>259.472</i>	<i>-</i>	<i>-</i>	<i>0.000</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	<i>-</i>	<i>-</i>	<i>5,511.728</i>	<i>-</i>	<i>-</i>	<i>259.472</i>	<i>-</i>	<i>-</i>	<i>0.000</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
Support - Support End Item Cost																		
Airframe Peculiar Ground Support Equipment (PGSE)	-	-	44.900	-	-	0.001	-	-	5.151	-	-	0.000	-	-	-	-	-	0.000
Peculiar Training Equipment	-	-	341.010	-	-	0.001	-	-	3.400	-	-	-	-	-	-	-	-	-
Publications/Technical Data	-	-	52.010	-	-	0.008	-	-	3.800	-	-	-	-	-	-	-	-	-
Diminishing Manufacturing Sources	-	-	133.920	-	-	0.000	-	-	3.216	-	-	-	-	-	-	-	-	-
Interim Contractor Support (ICS)	-	-	48.090	-	-	0.008	-	-	1.130	-	-	-	-	-	-	-	-	-
Interim Supply Support (ISS)	-	-	473.500	-	-	3.084	-	-	13.047	-	-	-	-	-	-	-	-	-
Depot Standup	-	-	38.000	-	-	0.150	-	-	3.289	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2024 Air Force												Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3						P-1 Line Item Number / Title: C130JM / MC-130J						Item Number / Title [DODIC]: MC-130J					
ID Code (A=Service Ready, B=Not Service Ready) : A												MDAP/MAIS Code:					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
PSC Contrator Services	-	-	33.651	-	-	3.150	-	-	3.469	-	-	-	-	-	-	-	-	-
PSC Government Services	-	-	32.655	-	-	0.160	-	-	1.700	-	-	-	-	-	-	-	-	-
Other Government Costs	-	-	19.961	-	-	0.015	-	-	2.149	-	-	-	-	-	-	-	-	-
Rescission	-	-	50.243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	1,267.940	-	-	6.577	-	-	40.351	-	-	0.000	-	-	-	-	-	0.000
Gross/Weapon System Cost	94.162	72	6,779.668	88.683	3	266.049	-	-	40.351	-	-	0.000	-	-	-	-	-	0.000

Remarks:

Note: The Prior Years Total on the Resource Summary should read 72. An additional 20 MC-130Js were procured on separate P-1 lines from FY08-FY14 for a true Prior Years Total of 92

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 03: Trainer Aircraft / BSA 1: UPT Trainers	P-1 Line Item Number / Title: APT000 / Advanced Pilot Training T-7A
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0804701F	Other Related Program Elements: 0605223F
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Line Item MDAP/MAIS Code: 436

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	14	21	23	36	257	351
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	10.507	0.000	-	0.000	330.597	516.860	524.060	834.237	5,431.377	7,647.638
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	10.507	0.000	-	0.000	330.597	516.860	524.060	834.237	5,431.377	7,647.638
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	10.507	0.000	-	0.000	330.597	516.860	524.060	834.237	5,431.377	7,647.638

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	28.604	37.379	37.478	54.886	370.490	528.837
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	23.614	24.612	22.785	23.173	21.134	21.788

Description:

The Advanced Pilot Training (APT)/ T-7A Red Hawk program will replace the Air Education Training Commands (AETC) aging T-38C fleet with new aircraft, Ground Based Training Systems (simulators, training devices, computer based training systems, academics, etc.), Maintenance Training Systems (which will be procured via a separate contracting action), and support infrastructure currently used in the fighter/bomber advanced Specialized Undergraduate Pilot Training (SUPT) track as well as in the Introduction to Fighter Fundamentals (IFF) program.

The APT/T-7A Red Hawk program acquisition strategy was approved by OSD (AT&L) in early FY 2017 (December 2016). The Program completed source selection evaluations and Milestone B in September 2018 and awarded a Fixed Price Incentive Firm Indefinite Delivery /Indefinite Quantity contract to The Boeing Company on 27 September 2018. Critical Design Review was completed in August 2020. The projected finish for Developmental Test and Evaluation is February 2025, and Initial Operational Test and Evaluation is scheduled to commence in January 2026. Milestone C is currently projected for February 2025 with the first Low Rate Initial Production deliveries anticipated in January 2026.

Funding Contained in this platform's documentation directly aids AETC flying training enterprise to continue its overall Future Years Defense Program pilot production increase to reduce the USAF Pilot Shortage. This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

Funding may be used to address Diminishing Manufacturing Sources/Material Shortages (DMSMS) issues.

Funding for this exhibit contained in PE 0804701F.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 03: Trainer Aircraft / BSA 1: UPT Trainers **P-1 Line Item Number / Title:** APT000 / Advanced Pilot Training T-7A

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0804701F **Other Related Program Elements:** 0605223F

Line Item MDAP/MAIS Code: 436

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	Advanced Pilot Training T-7A		B		- / -	- / 0.000	- / 10.507	- / 0.000	- / -	- / 0.000
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 10.507	- / 0.000	- / -	- / 0.000

*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:
 No FY24 funding requested. FY24 funding has been reduced due to Milestone C slip to February 2025.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force						Date: March 2023			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 03 / 1				P-1 Line Item Number / Title: APT000 / Advanced Pilot Training T-7A			Item Number / Title [DODIC]: Advanced Pilot Training T-7A		
ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:					
Resource Summary				Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (<i>Units in Each</i>)				-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)				-	0.000	10.507	0.000	-	0.000
Less PY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)				-	0.000	10.507	0.000	-	0.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)				-	0.000	10.507	0.000	-	0.000
<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>)				-	0.000	0.000	0.000	-	0.000
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 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Vehicles - Advanced Trainer Replacement T-7A Cost																		
Recurring Cost																		
Air Vehicle	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Other Flyaway Costs	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Vehicles - Advanced Trainer Replacement T-7A Cost</i>	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Support - Advanced Trainer Replacement T-7A Cost																		
Training	-	-	-	-	-	0.000	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Other Government Costs	-	-	-	-	-	0.000	-	-	1.548	-	-	0.000	-	-	-	-	-	0.000
Support Equipment	-	-	-	-	-	0.000	-	-	8.959	-	-	0.000	-	-	-	-	-	0.000
Interim Contractor Support	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Support - Advanced Trainer Replacement T-7A Cost</i>	-	-	-	-	-	0.000	-	-	10.507	-	-	0.000	-	-	-	-	-	0.000
Gross/Weapon System Cost	-	-	-	-	-	0.000	-	-	10.507	-	-	0.000	-	-	-	-	-	0.000

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** H0106O / MH-139A

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0102110F **Other Related Program Elements:** 0102110F

Line Item MDAP/MAIS Code: 562

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	8	5	7	-	7	8	15	12	9	10	74
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	141.360	186.192	228.807	-	228.807	317.287	494.374	442.527	419.218	320.700	2,550.465
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	141.360	186.192	228.807	-	228.807	317.287	494.374	442.527	419.218	320.700	2,550.465
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	141.360	186.192	228.807	-	228.807	317.287	494.374	442.527	419.218	320.700	2,550.465
<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>)	-	-	11.253	20.314	-	20.314	34.330	28.528	23.907	24.405	41.900	184.637
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	16.044	20.953	19.775	-	19.775	18.783	20.082	19.043	18.791	18.595	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	17.670	37.238	32.687	-	32.687	39.661	32.958	36.877	46.580	32.070	34.466

Description:

The MH-139A program will replace the Air Force fleet of 63 UH-1N aircraft, which have significant capability gaps in the areas of speed, range, endurance, payload capacity, and aircraft self-protection. The Air Force intends to replace these UH-1Ns with modern helicopters that will eliminate these capability gaps, and the program will procure a comprehensive Training System. The replacement aircraft will provide vertical airlift and support the requirements of five Air Force major commands and operating agencies: Air Force Global Strike Command (AFGSC), Air Force Reserve Command (AFRC), Air Education and Training Command (AETC), Air Force District of Washington (AFDW), and Air Force Materiel Command (AFMC). 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.

This program has associated RDT&E, AF funding in the Budget Year to provide for systems engineering activities for non-developmental item (NDI) integration onto an airworthiness-certified baseline helicopter and associated testing and certifications. FY2024 RDT&E, AF funding continues to provide for developmental test activities necessary to assess air vehicle specification compliance and evaluate military utility. In addition, live fire test and evaluation activities will continue to assess aircraft survivability and lethality.

This requirement 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 0102110F. Anticipated Milestone Dates are as follows: Milestone C: Mar 2023; IOT&E: Jun 2024; FRP: Mar 2025

Secondary Distribution	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028
AF									
Quantity	2	5	7	-	7	8	13	12	9
Total Obligation Authority	35.160	186.192	228.807	-	228.807	317.287	427.427	442.527	419.218
AFR									
Quantity	6	-	-	-	-	-	2	-	-
Total Obligation Authority	106.200	-	-	-	-	-	66.947	-	-
Total: Secondary Distribution									
Quantity	8	5	7	-	7	8	15	12	9
Total Obligation Authority	141.360	186.192	228.807	-	228.807	317.287	494.374	442.527	419.218

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** H0106O / MH-139A

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0102110F **Other Related Program Elements:** 0102110F

Line Item MDAP/MAIS Code: 562

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	MH-139A	P-5a, P-21	B		- / -	8 / 141.360	5 / 186.192	7 / 228.807	- / -	7 / 228.807
P-40	Total Gross/Weapon System Cost				- / -	8 / 141.360	5 / 186.192	7 / 228.807	- / -	7 / 228.807

*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 program will procure the low rate initial production lot of seven (7) aircraft in FY24 with associated training, support equipment, site activation support, other government costs, program support, depot activation, and interim contractor support.

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

Depot Source Of Repair (DSOR) decision received Sep 2022. Decision outlines Fleet Readiness Center East for Dynamic and Structural hardware components; Ogdan ALC, Warner Robbins ALC and Oklahoma City ALC, for LRU hardware and software; finally Warner Robins ALC will perform software sustainment and software cryptographic work. Additionally the sustainment business case analysis shifted training systems to contractor performance. Intent is to perform Gap analysis in FY23 -FY24; work with item managers to integrate common assets into existing depots in early FY25, and begin activating hardware and software locations per DSOR in FY26-FY29.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H0106O / MH-139A	Item Number / Title [DODIC]: MH-139A
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	-	8	5	7	-	7
Gross/Weapon System Cost (\$ in Millions)	-	141.360	186.192	228.807	-	228.807
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	141.360	186.192	228.807	-	228.807
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	141.360	186.192	228.807	-	228.807
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (\$ in Millions)	-	0.000	11.253	20.314	-	20.314
Gross/Weapon System Unit Cost (\$ in Millions)	-	17.670	37.238	32.687	-	32.687

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - MH-139 Cost																		
Recurring Cost																		
Airframe/Contractor Furnished Equipment ^(†)	-	-	-	16.044	8	128.352	18.210	5	91.048	17.900	7	125.300	-	-	-	17.900	7	125.300
Other Flyaway Costs	-	-	-	-	-	0.000	-	-	13.715	-	-	13.128	-	-	-	-	-	13.128
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	128.352	-	-	104.763	-	-	138.428	-	-	-	-	-	138.428
<i>Subtotal: Flyaway - MH-139 Cost</i>	-	-	-	-	-	128.352	-	-	104.763	-	-	138.428	-	-	-	-	-	138.428
Support - MH-139 Cost																		
Training	-	-	-	-	-	0.000	-	-	51.600	-	-	22.200	-	-	-	-	-	22.200
Data	-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
Support Equipment	-	-	-	-	-	13.008	-	-	4.900	-	-	9.400	-	-	-	-	-	9.400
Site Activation Support	-	-	-	-	-	0.000	-	-	0.400	-	-	0.400	-	-	-	-	-	0.400
Other Government Costs	-	-	-	-	-	0.000	-	-	7.300	-	-	10.800	-	-	-	-	-	10.800
Program Support Costs Contractor Services	-	-	-	-	-	0.000	-	-	11.200	-	-	11.500	-	-	-	-	-	11.500
Depot Stand up Costs	-	-	-	-	-	-	-	-	4.000	-	-	16.500	-	-	-	-	-	16.500
Interim Contractor Support	-	-	-	-	-	-	-	-	2.029	-	-	19.579	-	-	-	-	-	19.579
<i>Subtotal: Support - MH-139 Cost</i>	-	-	-	-	-	13.008	-	-	81.429	-	-	90.379	-	-	-	-	-	90.379
Gross/Weapon System Cost	-	-	-	17.670	8	141.360	37.238	5	186.192	32.687	7	228.807	-	-	-	32.687	7	228.807

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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H0106O / MH-139A	Item Number / Title [DODIC]: MH-139A

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

Secondary Distribution		FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
AF	Quantity	2	5	7	-	7
	Total Obligation Authority	35.160	186.192	228.807	-	228.807
AFR	Quantity	6	-	-	-	-
	Total Obligation Authority	106.200	-	-	-	-
Total:	Quantity	8	5	7	-	7
Secondary Distribution	Total Obligation Authority	141.360	186.192	228.807	-	228.807

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H0106O / MH-139A	Item Number / Title [DODIC]: MH-139A
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe/Contractor Furnished Equipment ^(†)		2022	Boeing / Ridley Park, PA	C / FFP	AFLCMC/WI - ISR & SOF	Mar 2023	Oct 2024	8	16.044	N	Jan 2023	Jul 2017
Airframe/Contractor Furnished Equipment ^(†)		2023	Boeing / Ridley Park, PA	C / FFP	AFLCMC/WI - ISR & SOF	Mar 2023	May 2025	5	18.210	N	Jan 2023	Jul 2017
Airframe/Contractor Furnished Equipment ^(†)		2024	Boeing / Ridley Park, PA	C / FFP	AFLCMC/WI - ISR & SOF	Mar 2024	Oct 2025	7	17.900	N	Mar 2023	Jul 2017

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H0106O / MH-139A	Item Number / Title [DODIC]: MH-139A
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023													Fiscal Year 2024													BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023													Calendar Year 2024													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe/Contractor Furnished Equipment																																	
1		2022	AF	8	0	8																								8			
1		2023	AF	5	0	5																								5			
1		2024	AF	7	0	7																								7			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H0106O / MH-139A	Item Number / Title [DODIC]: MH-139A
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe/Contractor Furnished Equipment																															
1		2022	AF	8	0	8	1	1	2	1	1	1	1																0		
1		2023	AF	5	0	5	-	-	-	-	-	-	-	1	1	1	1	1											0		
1		2024	AF	7	0	7	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1			0			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1		P-1 Line Item Number / Title: H0106O / MH-139A
		Item Number / Title [DODIC]: MH-139A

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2024	1-8-5 For 2024	MAX For 2024	Initial				Reorder				
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	
1	Boeing - Ridley Park, PA	2	16	16	0	0	0	0	0	13	6	19	25

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** H060WH / Combat Rescue Helicopter

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

Line Item MDAP/MAIS Code: 479

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	41	14	20	-	-	-	-	-	-	-	-	75
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,252.303	743.921	1,205.995	282.533	-	282.533	162.385	54.570	0.000	0.000	0.000	4,701.707
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,252.303	743.921	1,205.995	282.533	-	282.533	162.385	54.570	0.000	0.000	0.000	4,701.707
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,252.303	743.921	1,205.995	282.533	-	282.533	162.385	54.570	0.000	0.000	0.000	4,701.707

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

Initial Spares (<i>\$ in Millions</i>)	90.494	76.937	119.768	-	-	-	1.855	2.334	2.393	2.430	-	296.211
Flyaway Unit Cost (<i>\$ in Millions</i>)	42.011	41.272	39.575	-	-	-	-	-	-	-	-	41.223
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	54.934	53.137	60.300	-	-	-	-	-	-	-	-	62.689

Description:

The Combat Rescue Helicopter (HH-60W) program will replace the aging HH-60G. 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 / marginal weather Combat Search and Rescue (CSAR) in order to recover downed aircrew or other isolated personnel in hostile or non-permissive environments.

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. Onboard 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, counterdrug activities, support for National Aeronautics and Space Administration flight operations, and insertion/extraction of combat forces.

The HH-60W program received approval to enter Engineering and Manufacturing Development (EMD) in June 2014. Subsequently, the Air Force awarded an EMD contract to Lockheed Martin - Sikorsky Aircraft Company to develop and procure 113 HH-60W aircraft, training systems and associated support. The program is procuring four EMD aircraft, five System Demonstration Test Article (SDTA) aircraft and one modernization test aircraft. During production, the program plans to procure 75 aircraft throughout five lots. HH-60W achieved a Milestone C decision in Sep 2019, authorizing Low Rate Initial Production (LRIP) Lots 1-4, to procure 55 aircraft with FY 2019-FY 2022 funds. Currently funding is available to procure 85 aircraft (includes 4 EMD, 5 SDTA, and 1 modernization test aircraft). Initial aircraft sustainment efforts will be provided by the contractor. HH-60W funding also supports Training Systems, Support Equipment, Initial Spares, Operation Site Activation, Depot Stand-Up, Direct Mission Support, Program Support Costs (PSC) activities, Other Government Costs (OGC), various studies and analysis, upgrades, future HH-60W planning activities, and resolution of Diminishing Manufacturing Sources/Material Shortages (DMSMS) and/or obsolescence issues. DMSMS activities may include, but are not limited to, bridge buys, life of type buys, buys to protect production schedule, and engineering efforts for redesign.

The HH-60W program is acquiring a complete Training system to include motion and non-motion simulators, virtual reality/mixed reality trainers, and other aircrew and maintenance part task training devices. It also includes Type I training, aircrew and maintenance courseware, spares, Interim Contractor Support (ICS), and support equipment.

Initial Spares were procured with Aircraft Procurement, Air Force (APAF) BA4 funding in FY 2019, FY 2020, and FY 2021. Spare engines are included within the Initial Spares. Starting in FY 2021 Initial Spares were primarily procured with APAF BA 6 while some BA4 funding was required to fund initial spares for added OCO aircraft.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters		P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 479		
<p>Procurement budget includes in-line production and enhancement packages/installs. These efforts may include, but are not limited to, the following: Directional Infrared Countermeasures (DIRCM), Global Positioning Satellite Anti-Jammer (GPS AJ), Degraded Visual Environment (DVE) system, Video Data Link (VDL), Blue Force Tracker 2 (BFT2), Integrated Vehicle Health Monitoring System (IVHMS), Situational Awareness Data Link/Automatic Direction Finder Removal, Electro Optical/Infrared Tactical Overlay, Radio Frequency Jammer, Electronic Flight Bags, Automated Dependent Surveillance Broadcast - In Device, and Mobile User Objective System (MUOS).</p> <p>Funding for this exhibit is contained in PE 0207229F.</p> <p>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.</p> <p>This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** H060WH / Combat Rescue Helicopter

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

Line Item MDAP/MAIS Code: 479

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	Combat Rescue Helicopter	P-5a, P-21	A		41 / 2,252.303	14 / 743.921	20 / 1,205.995	- / 282.533	- / -	- / 282.533
P-40	Total Gross/Weapon System Cost				41 / 2,252.303	14 / 743.921	20 / 1,205.995	- / 282.533	- / -	- / 282.533

*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:
 FY 2024 funding will procure training systems for remaining units; interim supply, contractor support, and field service representative support at all fielded units' System Engineering and Program Management (SEPM) for the production line; depot standup activities; support equipment; site activation activities.

FY 2024 request may fund training, upgrades, enhancement packages, other program support costs, and resolution of Diminishing Manufacturing Sources/material Shortages (DMSMS) and/or obsolescence issues. DMSMS activities may include, but are not limited to, bridge buys, life of type buys, buys to protect production schedule, and engineering efforts for redesign.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force											Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1						P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter					Item Number / Title [DODIC]: Combat Rescue Helicopter					
ID Code (A=Service Ready, B=Not Service Ready) : A						MDAP/MAIS Code:										
Resource Summary				Prior Years		FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total		
Procurement Quantity (Units in Each)				41		14		20		-		-		-		
Gross/Weapon System Cost (\$ in Millions)				2,252.303		743.921		1,205.995		282.533		-		282.533		
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-		
Net Procurement (P-1) (\$ in Millions)				2,252.303		743.921		1,205.995		282.533		-		282.533		
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-		
Total Obligation Authority (\$ in Millions)				2,252.303		743.921		1,205.995		282.533		-		282.533		
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																
Initial Spares (\$ in Millions)				90.494		76.937		119.768		0.000		-		0.000		
Gross/Weapon System Unit Cost (\$ in Millions)				54.934		53.137		60.300		-		-		-		

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - HH-60W Cost																		
Recurring Cost																		
Airframe / CFE ^(†)	37.256	41	1,527.480	36.679	14	513.505	35.016	20	700.319	-	-	0.000	-	-	-	-	-	0.000
Other Flyaway Costs	-	-	194.960	-	-	64.299	-	-	91.190	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,722.440</i>	-	-	<i>577.804</i>	-	-	<i>791.509</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
<i>Subtotal: Flyaway - HH-60W Cost</i>	-	-	<i>1,722.440</i>	-	-	<i>577.804</i>	-	-	<i>791.509</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
Support - HH-60W Cost																		
Support Equipment	-	-	25.275	-	-	15.000	-	-	28.545	-	-	12.560	-	-	-	-	-	12.560
Training	-	-	115.720	-	-	52.080	-	-	77.680	-	-	115.550	-	-	-	-	-	115.550
Site Activation	-	-	34.620	-	-	9.430	-	-	11.340	-	-	19.890	-	-	-	-	-	19.890
Initial Spares	-	-	205.165	-	-	-	-	-	197.500	-	-	-	-	-	-	-	-	-
Initial Spares for OCO aircraft	-	-	31.278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Support Costs (PSC) Contractor Services	-	-	19.540	-	-	13.943	-	-	13.606	-	-	13.700	-	-	-	-	-	13.700
Program Support Costs (PSC) Other Government Costs	-	-	13.729	-	-	1.200	-	-	3.930	-	-	6.700	-	-	-	-	-	6.700
Other Government Costs	-	-	56.020	-	-	46.874	-	-	41.382	-	-	53.785	-	-	-	-	-	53.785
Depot Standup	-	-	0.802	-	-	8.000	-	-	0.000	-	-	13.700	-	-	-	-	-	13.700
Modernization/Upgrades	-	-	2.801	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obsolescence	-	-	24.913	-	-	19.590	-	-	40.503	-	-	46.648	-	-	-	-	-	46.648

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Exhibit P-5, Cost Analysis: PB 2024 Air Force												Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1						P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter						Item Number / Title [DODIC]: Combat Rescue Helicopter					
ID Code (A=Service Ready, B=Not Service Ready) : A												MDAP/MAIS Code:					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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>Subtotal: Support - HH-60W Cost</i>	-	-	529.863	-	-	166.117	-	-	414.486	-	-	282.533	-	-	-	-	-	282.533
Gross/Weapon System Cost	54.934	41	2,252.303	53.137	14	743.921	60.300	20	1,205.995	-	-	282.533	-	-	-	-	-	282.533

Remarks:

Other Government Costs includes defensive systems and product support. Additionally, FY24 costs include prime contractor related Systems Engineering/Program Management for continued execution of future phases. These costs are in alignment with prohibition on previous FY23 funding being used to terminate operations or prepare to terminate options of a production line for Air Force HH-60W Combat Rescue Helicopters.

Depot Stand-up funding will primarily be used for organic depot activation.

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter	Item Number / Title [DODIC]: Combat Rescue Helicopter
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe / CFE ^(†)		2019	Sikorsky Aircraft / Stratford, CT	SS / FPIF	AFLCMC/WI - ISR & SOF	Sep 2019	Jun 2021	10	41.245	Y		Mar 2012 ⁽¹⁾
Airframe / CFE ^(†)		2020	Sikorsky Aircraft / Stratford, CT	SS / FPIF	AFLCMC/WI - ISR & SOF	Feb 2020	Jul 2022	12	41.432	Y		Mar 2012
Airframe / CFE ^(†)		2021	Sikorsky Aircraft / Stratford, CT	SS / FPIF	AFLCMC/WI - ISR & SOF	Jul 2021	Jun 2023	19	37.348	Y		Mar 2012
Airframe / CFE ^(†)		2022	Sikorsky Aircraft / Stratford, CT	SS / FPIF	AFLCMC/WI - ISR & SOF	Feb 2022	Jun 2024	14	36.679	Y		Mar 2012
Airframe / CFE ^(†)		2023	Sikorsky Aircraft / Stratford, CT	SS / FFP	AFLCMC/WI - ISR & SOF	Apr 2023	Jun 2025	20	35.016	Y		Mar 2012

^(†) indicates the presence of a P-21

Footnotes:

⁽¹⁾ All lots are contract options covered under the same contract (RFP 9 Mar 12, Award 26 Jun 14). Each lot is exercised individually.

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1 **P-1 Line Item Number / Title:** H060WH / Combat Rescue Helicopter **Item Number / Title [DODIC]:** Combat Rescue Helicopter

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2019												Fiscal Year 2020												B A L A N C E	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019												Calendar Year 2020												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe / CFE																															
1		2019	AF ⁽²⁾	10	0	10																							10		
1		2020	AF	12	0	12																							12		
1		2021	AF	19	0	19																							19		
1		2022	AF	14	0	14																							14		
1		2023	AF	20	0	20																							20		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter	Item Number / Title [DODIC]: Combat Rescue Helicopter
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021														Fiscal Year 2022														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021														Calendar Year 2022														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Airframe / CFE																																			
1	2019	AF ⁽²⁾		10	0	10	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	2	1	-	1	-	2				0				
1	2020	AF		12	0	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	9			
1	2021	AF		19	0	19										A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19				
1	2022	AF		14	0	14																			A	-	-	-	-	-	-	14			
1	2023	AF		20	0	20																									20				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter	Item Number / Title [DODIC]: Combat Rescue Helicopter
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe / CFE																															
1		2019	AF ⁽²⁾	10	10	0																							0		
1		2020	AF	12	3	9	1	2	3	1	1	1																	0		
1		2021	AF	19	0	19	-	-	-	-	-	-	-	1	2	2	2	1	2	1	2	2	1	2	1				0		
1		2022	AF	14	0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	8	
1		2023	AF	20	0	20								A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1 **P-1 Line Item Number / Title:** H060WH / Combat Rescue Helicopter **Item Number / Title [DODIC]:** Combat Rescue Helicopter

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Airframe / CFE																															
1		2019	AF ⁽²⁾	10	10	0																						0			
1		2020	AF	12	12	0																						0			
1		2021	AF	19	19	0																						0			
1		2022	AF	14	6	8	-	-	1	2	-	2	2	1														0			
1		2023	AF	20	0	20	-	-	-	-	-	-	-		2	2	1	1	3	1	2	2	1	2	2	1		0			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force	Date: March 2023
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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: H060WH / Combat Rescue Helicopter	Item Number / Title [DODIC]: Combat Rescue Helicopter
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2024	1-8-5 For 2024	MAX For 2024	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Sikorsky Aircraft - Stratford, CT	10	10	20	7	7	26	33	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

⁽²⁾ Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2021 loaded in the month of first delivery.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 4: Mission Support Aircraft	P-1 Line Item Number / Title: CAPAC0 / Civil Air Patrol A/C
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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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	11.400	11.600	3.013	-	3.013	3.081	3.137	3.208	3.275	-	38.714
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	11.400	11.600	3.013	-	3.013	3.081	3.137	3.208	3.275	-	38.714
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	11.400	11.600	3.013	-	3.013	3.081	3.137	3.208	3.275	-	38.714

(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 Civil Air Patrol (CAP) is a Congressionally chartered non-profit corporation that serves as the Auxiliary of the Air Force. CAP uses federally provided resources to provide assistance requested by the DoD, federal, state or local government authorities and non-governmental organizations (NGOs) to perform emergency or non-emergency public purpose missions and activities.

Pursuant to US Code (Title 10 & 36) the purpose of CAP Corporation is to encourage and aid citizens of the US in contributing their efforts, services, and resources in developing aviation and in maintaining air supremacy; and to encourage and develop, by example, the voluntary contribution of private citizens to the public welfare.

CAP provides aviation education and training, as well as encourages and fosters civil aviation in local communities. CAP also provides an organization to assist in meeting local emergencies and assists the Dept. of the Air Force in non-combat program/missions.

This program has no initial spares cost. The weapon system cost, flyaway unit cost, and weapon system unit cost do not apply.

Funding for this exhibit contained in PE 0901223F.

Justification:

FY24 funding of 3.004M funds the procurement of fixed-wing single engine aircraft equipped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, FM radio, camera port window, ground power unit, appropriate training material, and/or additional associated mission equipment for use on Civil Air Patrol aircraft (e.g., full-motion video sensors, communication equipment, or other imaging systems).

The combination of aircraft make, model, or type (typically, but not limited to Cessna-172, Cessna-182, and Cessna-206, and glider aircraft) procured during execution are a continuing requirement, based on critical equipment needed to support evolving mission requirements, market availability, and budget changes due to mark-ups, or cost fluctuations.

AF central procurement processes are not applicable.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 4: Mission Support Aircraft		P-1 Line Item Number / Title: CAPAC0 / Civil Air Patrol A/C
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
CAP's procurement processes/standards are described in 2 CFR 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards; and Department of Defense Grant & Agreement Regulations.		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: 10PALE / Pale Ale
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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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	1	-	-	-	-	-	-	-	-	1
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	28.500	0.000	-	0.000	0.000	0.000	0.000	0.000	-	28.500
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	28.500	0.000	-	0.000	0.000	0.000	0.000	0.000	-	28.500
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	28.500	0.000	-	0.000	0.000	0.000	0.000	0.000	-	28.500

(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>)	-	-	28.500	-	-	-	-	-	-	-	-	28.500

Description:

Funding supports drug interdiction and counter-drug activities.

Funding was laid in FY 2023 as part of an FY 2023 Congressional add.

Funding for this exhibit contained in PE 0208889F.

Justification:

FY23 Funding will be used to procure 1 each Pale Ale aircraft that will support counter-drug activities

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: 10TRGT / Target Drones
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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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	22	27	20	-	20	20	20	20	20	-	149
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	112.443	113.706	42.226	-	42.226	37.511	35.470	33.686	34.356	-	409.398
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	112.443	113.706	42.226	-	42.226	37.511	35.470	33.686	34.356	-	409.398
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	112.443	113.706	42.226	-	42.226	37.511	35.470	33.686	34.356	-	409.398

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

Initial Spares (<i>\$ in Millions</i>)	-	0.600	0.401	0.643	-	0.643	-	-	-	-	-	1.644
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	5.111	4.211	2.111	-	2.111	1.876	1.774	1.684	1.718	-	2.748

Description:

Full-scale Aerial Targets (FSAT) and Subscale Aerial Targets (SSAT) assure warfighters' weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial targets provide adherence to Public Law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Targets are essential for development testing/operational testing for all air-to-air (e.g., AMRAAM, AIM-9X, etc.) and surface-to-air missiles (e.g. PAC 3, FIM 92 Stinger), and for the F-22A, F-35, F-18, F-16, F-15, among other aircraft. The objective is to provide threat realistic targets for missile testing to enable the development of offensive counter-air systems (air-to-air and surface-to-air) capable of defeating changing enemy airborne threats. This program provides funding for the procurement and/or sustainment of Air Force Subscale Aerial Targets (BQM-167A - AFSAT), Full-scale Aerial Targets (QF-16 - FSAT), Target Control System (TCS), scoring systems, to include applicable target/TCS subsystems and modernization of mission/support equipment through tech refresh. The TCS program ensures software interoperability among service ranges, the encryption of range/aircraft data links, and associated communication devices. Funding also provides for capabilities to meet current and future threats. Funding may be utilized for analysis and presentation of evolving threat scenarios and target area environments related to emerging threats. Funds may be used to requalify production lines, or qualify new ones, as needed. Funds support procurement of hardware and software to support the fielding of new Target Control System to support the gaps identified by ACC in order to enable realistic emulation of 5th and 6th generation enemy threats. Aerial targets and associated systems are required for congressionally mandated testing and Air Force developmental and operational testing. Air Force is the designated executive agent for full-scale aerial targets. The Navy is the lead service for subscale aerial targets.

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

Funding may be used to address production Diminishing Manufacturing Sources and Material Shortages (DMSMS)/Obsolescence issues through studies, bridge buys, life of type buys, supplier/parts replacement and qualification activities to preserve future production capabilities and capacities.

The BY funding request was reduced by \$12.874 million to account for the availability of prior year execution balances

Funding for this exhibit contained in PE 0305116F.

Justification:

FY24 AFSAT funds will be used to procure 20 USAF production assets, support equipment, sustaining, production and diminishing manufacturing engineering support.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft		P-1 Line Item Number / Title: 10TRGT / Target Drones
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
FY24 QF-16 funds will be used to fund the transition from procurement to sustainment and to continue with production shutdown.		
Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S. Code Section 2308 BUY-TO-BUDGET ACQUISITION.		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: 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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	4	-	-	-	-	-	-	-	-	4
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	553.700	0.000	-	0.000	0.000	0.000	0.000	0.000	-	553.700
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	553.700	0.000	-	0.000	0.000	0.000	0.000	0.000	-	553.700
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	553.700	0.000	-	0.000	0.000	0.000	0.000	0.000	-	553.700

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

Initial Spares (<i>\$ in Millions</i>)	-	119.265	11.343	68.555	-	68.555	-	-	-	-	-	199.163
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	138.425	-	-	-	-	-	-	-	-	138.425

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 EC-37B re-host platform in accordance with the 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 EC-37B airframe. The re-hosted Compass Call platform is based on a commercially-available modified G550 aircraft that already holds 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 receive additional STCs and Military Type Certificates (MTCs). The EC-37B aircraft utilize PME harvested from the EC-130H aircraft and upgraded to the latest Baseline. Due to the age of the EC-130H fleet (average is 49 years), 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 EC-37B program pursues concurrent developmental and production activities.

Transitioning to the re-host effort, the program of record has procured six (6) new commercial derivative aircraft to date. As part of the FY23 Appropriations Act, Congress funded four (4) additional EC-37B aircraft bringing the fleet size of the EC-37B program to a total of ten (10). The first five (5) EC-37B aircraft, procured in FY2017-FY2020, will be delivered in the Baseline 3 (BL3) configuration. The remaining EC-37B aircraft, procured in FY2021 and FY2023, will be delivered in the Baseline 4 (BL4) configuration. The BL3 aircraft will be modified to the BL4 configuration starting in FY2026. The current Compass Call EC-37B program of record as of Q2 FY2023 includes the following resources: ten (10) EC-37B aircraft, two (2) Compass Call Mission Crew Simulator (CCMCS), and one (1) Weapon System Trainer (WST).

As a result of the FY23 Appropriations Act, the Compass Call program received \$553.7M for aircraft procurement. Compass Call aircraft procurement includes but is not limited to; aircraft purchase, outer moldline modifications, WST procurement, support equipment, and other program support costs.

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.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other 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: N/A
Line Item MDAP/MAIS Code: N/A		
Modification efforts for the re-hosted aircraft are performed under the Aircraft Procurement, Air Force appropriation, Budget Activity (BA) 05, Budget Sub Activity 5, under P-1 Line Item Number: CALL00/COMPASS CALL Mods. Procurement of the air vehicles for re-host were performed under this line item Aircraft Procurement, Air Force appropriation, BA 04, Budget Sub Activity 05 under P-1 Line Item Number: CALL00/COMPASS CALL.		
Justification: The FY2024 budget request does not support procurement of additional commercial modifiable aircraft or any associated support activities.		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: E011A1 / 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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	2	1	1	-	1	1	-	-	-	-	5
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	124.435	66.847	67.367	-	67.367	66.459	6.135	6.274	6.405	-	343.922
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	124.435	66.847	67.367	-	67.367	66.459	6.135	6.274	6.405	-	343.922
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	124.435	66.847	67.367	-	67.367	66.459	6.135	6.274	6.405	-	343.922

(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>)	-	62.218	66.847	67.367	-	67.367	66.459	-	-	-	-	68.784

Description:

Battlefield Airborne Communications 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 for the war fighter.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: E011A1 / 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: N/A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	E-11 BACN/HAG	P-5a, P-21	A		- / -	2 / 124.435	1 / 66.847	1 / 67.367	- / -	1 / 67.367
P-40	Total Gross/Weapon System Cost				- / -	2 / 124.435	1 / 66.847	1 / 67.367	- / -	1 / 67.367

*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:
 Funding will continue to support Combatant Commander requirements specifically procurement of Qty 1 new BACN aircraft in FY24 to increase the current BACN fleet and Department of the Air Force force offering. FY24 procurement includes host platform aircraft as well as the purchase/integration of BACN payload capability, emerging capabilities, and Supplemental Type Certs (STC) and any related provisioning supplies. This funding also procures associated systems and provides initial maintenance and sustainment support as well as any associated program support costs as required. Additionally this funding procures initial ancillaries in FY24 necessary to begin High Capacity Backbone (HCB) procurements required for E-11A & KC-135 integration in order to provide high-bandwidth, multi-level security connectivity for ABMS.

Funding for this exhibit contained in PE 0207238F

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: E011A1 / E-11 BACN/HAG	Item Number / Title [DODIC]: E-11 BACN/HAG
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	-	2	1	1	-	1
Gross/Weapon System Cost (\$ in Millions)	-	124.435	66.847	67.367	-	67.367
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	124.435	66.847	67.367	-	67.367
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	124.435	66.847	67.367	-	67.367

(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)	-	62.218	66.847	67.367	-	67.367

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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 - E-11 BACN/HAG Cost																		
Recurring Cost																		
HCB	-	-	-	-	-	-	0.000	1	0.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - E-11 BACN/HAG Cost</i>	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-
Vehicles - BACN Aircraft Cost																		
Recurring Cost																		
80100 ^(†)	-	-	-	62.218	2	124.435	66.847	1	66.847	66.470	1	66.470	-	-	-	66.470	1	66.470
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	124.435	-	-	66.847	-	-	66.470	-	-	-	-	-	66.470
<i>Subtotal: Vehicles - BACN Aircraft Cost</i>	-	-	-	-	-	124.435	-	-	66.847	-	-	66.470	-	-	-	-	-	66.470
Support - E-11 BACN/HAG Cost																		
50640	-	-	-	-	-	-	-	-	-	0.897	1	0.897	-	-	-	0.897	1	0.897
<i>Subtotal: Support - E-11 BACN/HAG Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.897	-	-	-	-	-	0.897
Gross/Weapon System Cost	-	-	-	62.218	2	124.435	66.847	1	66.847	67.367	1	67.367	-	-	-	67.367	1	67.367

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: E011A1 / E-11 BACN/HAG	Item Number / Title [DODIC]: E-11 BACN/HAG
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Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
80100 ^(†)		2022	Learjet/Bombardier / Wichita, KS	SS / IDIQ	AFLCMC Hanscom AFB	Nov 2021	Jun 2023	2	62.218	Y		
80100 ^(†)		2023	Learjet/Bombardier / Wichita, KS	SS / IDIQ	AFLCMC Hanscom AFB	Apr 2023	Jun 2024	1	66.847	Y		
80100 ^(†)		2024	Learjet/Bombardier / Wichita, KS	SS / IDIQ	AFLCMC Hanscom AFB	Nov 2023	Feb 2025	1	66.470	Y		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: E011A1 / E-11 BACN/HAG	Item Number / Title [DODIC]: E-11 BACN/HAG
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022														Fiscal Year 2023														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022														Calendar Year 2023														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
80100																																			
	1	2022	AF	2	0	2		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1		
	1	2023	AF	1	0	1																												1	
	1	2024	AF	1	0	1																												1	
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S				
								C	O	E	A	E	A	A	U	U	U	S	C	O	V	E	A	E	A	A	U	J	J	A	S				
								T	V	C	N	B	R	P	Y	N	L	G	P	T		C	N	B	R	P	Y	N	L	U	G	P			

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: E011A1 / E-11 BACN/HAG	Item Number / Title [DODIC]: E-11 BACN/HAG
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024												Fiscal Year 2025												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	Calendar Year 2024												Calendar Year 2025												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
80100																															
	1	2022	AF	2	1	1	-	1																					0		
	1	2023	AF	1	0	1	-	-	-	-	-	-	-	-	-	1													0		
	1	2024	AF	1	0	1		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: E011A1 / E-11 BACN/HAG	Item Number / Title [DODIC]: E-11 BACN/HAG
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2024	1-8-5 For 2024	MAX For 2024	Initial				Reorder				
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	
1	Learjet/Bombardier - Wichita, KS	1	1	1	1	2	15	17		0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: PRDTB1 / MQ-9
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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: 0304260F, 0305206F, 0305219F
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Line Item MDAP/MAIS Code: 424

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	4	-	-	-	-	-	-	-	-	-	4
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	92.267	16.039	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	108.306
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	92.267	16.039	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	108.306
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	92.267	16.039	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	108.306

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

Initial Spares (<i>\$ in Millions</i>)	-	28.180	14.780	-	-	-	-	-	-	-	-	42.960
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	25.307	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	23.067	-	-	-	-	-	-	-	-	-	27.077

Description:

FY22 funding totals include 88.979M originally appropriated to procure four (4) MQ-9A Aircraft. Congress approved the Air Force to use up to 85.882M of this funding to procure three (3) MQ-9B Aircraft for the AFSOC/SOCOM Adaptive Airborne Enterprise (A2E) operational experimentation instead of (4) MQ-9A for USAF POR. Remaining funding after MQ-9B contract award will be used for MQ-9A sunk costs, MQ-9B contract incentive fee, MQ-9B government furnished equipment (GFE), and residual MQ-9A enterprise costs, such as sunk costs that are currently unknown due to the contract change, Diminishing Manufacturing Sources (DMS), and Technical Data Package (TDP) requirements with General Atomics-ASI.

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 GCS configurations to be tailored to fit mission needs. Due to the nature of the platform, all future production requirements may vary based on warfighter necessity and available funding. Production cut-ins will continue to support user requirements.

The MQ-9 Reaper aircraft is a single-engine, turbo-prop Remotely Piloted Aircraft (RPA) designed to operate over-the-horizon at medium-to-high altitudes for long endurance sorties. The aircraft is primarily designed for critical emerging Time-Sensitive-Targets (TST) as a radar, Electro-Optical/Infra-Red (EO/IR), and laser designator-based attack asset with on-board hard-kill capability (hunter-killer) while performing Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA). In the hunter-killer role, the aircraft employs fused multi-spectral sensors to find, fix, and track ground targets and assess post-strike results using Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor, and other capabilities.

The GCS functions as the aircraft cockpit and can control the aircraft from either within Line-of-Sight (LOS) or Beyond Line-of-Sight (BLOS) via a combination of satellite relay and terrestrial communication architectures. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning functions; provides a means for manual and/or autonomous command and control; allows personnel to launch, recover, and monitor aircraft, payloads, and the system's communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture information; and provide support functions. Additionally, a Launch and Recovery GCS (LRGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS will continue to evolve and upgrade its capabilities to keep pace with MQ-9 system capabilities, Concept of Operations (CONOPS), and the missions they perform. Upgrades include new LINUX processors, high definition monitors, and ergonomic improvements. Future planned upgrades include integrating improved human-machine interfaces, open systems architecture, and improved crew habitability.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft		P-1 Line Item Number / Title: PRDTB1 / MQ-9
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0304260F, 0305206F, 0305219F
Line Item MDAP/MAIS Code: 424		
<p>The Air Force established the MQ-9 Multi-Domain Operation (M2DO) aircraft configuration which consisted of multiple projects intended to keep the platform viable in the wide-spectrum of armed conflict. The configuration included 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 aircraft, and final capabilities within this configuration, are subject to change as requirements evolve.</p> <p>Flyaway cost subtotal includes GCS, Ground Data Terminals (GDTs), and Predator Primary Satellite Links (PPSLs), which are not procured in the same quantities as aircraft. Thus, the unit flyaway cost will fluctuate from year to year as different quantities of GCSs, GDTs, and PPSLs are procured.</p> <p>MQ-9s are procured sole-source with General Atomics-Aeronautical Systems Incorporated (GA-ASI). GA-ASI is responsible for the aircraft and Ground Control Station (GCS), Raytheon Company for the DAS-4 EO/IR sensor, and L3 Communications for the operator simulator and satellite communication (SATCOM) infrastructure components.</p> <p>This program has associated Research Development Test and Evaluation Air Force (AF) funding in Program Element (PE) 0205219F MQ-9 Reaper UAV.</p> <p>Funding for this exhibit is contained in PE 0205219F.</p> <p>Funding may be used for MQ-9 Bridge or Life Of Type Buys (LOTB) to address enterprise and production DMS (Diminishing Manufacturing Sources) issues. The LOTB requirement may include quantities beyond established production levels, as risk mitigation to prevent high cost Non-Recurring Engineering (NRE) if further MQ-9 production orders are directed in the outyears.</p> <p>This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D</p> <p>Due to lag in updating database quantities have not been updated, quantities should reflect three (3).</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft **P-1 Line Item Number / Title:** PRDTB1 / MQ-9

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0304260F, 0305206F, 0305219F

Line Item MDAP/MAIS Code: 424

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	MQ-9		A		- / -	4 / 92.267	- / 16.039	- / 0.000	- / -	- / 0.000
P-40	Total Gross/Weapon System Cost				- / -	4 / 92.267	- / 16.039	- / 0.000	- / -	- / 0.000

*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:
A. No FY24 funding.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: PRDTB1 / MQ-9	Item Number / Title [DODIC]: MQ-9
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ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	-	4	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	92.267	16.039	0.000	-	0.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	92.267	16.039	0.000	-	0.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	92.267	16.039	0.000	-	0.000

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

Initial Spares (\$ in Millions)	-	28.180	14.780	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	23.067	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Flyaway - Flyaway End Item Cost																		
Recurring Cost																		
MQ-9 Reaper Aircraft and GFE	-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
MQ-9B	-	-	-	25.307	3	75.921	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	75.921	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	-	-	-	75.921	-	-	0.000	-	-	-	-	-	-	-	-	-
Support - Support End Item Cost																		
Other Government Costs (OGC)	-	-	-	-	-	0.000	-	-	6.012	-	-	-	-	-	-	-	-	-
Support Equipment	-	-	-	-	-	0.902	-	-	-	-	-	-	-	-	-	-	-	-
Production Shutdown	-	-	-	-	-	0.000	-	-	2.000	-	-	0.000	-	-	-	-	-	0.000
TDP	-	-	-	-	-	14.188	-	-	8.027	-	-	-	-	-	-	-	-	-
MQ-9A Sunk Cost	-	-	-	-	-	1.256	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	-	-	-	16.346	-	-	16.039	-	-	0.000	-	-	-	-	-	0.000
Gross/Weapon System Cost	-	-	-	23.067	4	92.267	-	-	16.039	-	-	0.000	-	-	-	-	-	0.000

Remarks:

The minimum order quantity established on the Agile Reaper Enterprise Solution Indefinite Delivery Indefinite Quantity contract for MQ-9 is 4 aircraft. The economic order quantity is 16 aircraft; order quantities below the economic order quantity result in increased unit costs.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: PRDTB1 / MQ-9	Item Number / Title [DODIC]: MQ-9
ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:	
<p>Flyaway cost subtotal includes GCS, Ground Data Terminals (GDT), and Predator Primary Satellite Link (PPSL), which are not procured in the same quantities as aircraft. Thus, the flyaway cost will fluctuate from year to year as different quantities of GCSs, GDTs, and PPSLs are procured.</p> <p>Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts /
 BSA 10: Aircraft Spares and Repair Parts **P-1 Line Item Number / Title:**
 000999 / Initial Spares/Repair Parts

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	1,006.161	677.253	781.521	-	781.521	989.125	673.932	612.889	633.929	0.000	5,374.810
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	0.000	1,006.161	677.253	781.521	-	781.521	989.125	673.932	612.889	633.929	0.000	5,374.810
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	1,006.161	677.253	781.521	-	781.521	989.125	673.932	612.889	633.929	0.000	5,374.810

(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:

FY 2021 funding totals include 22.950 requested for Overseas Contingency Operations.
 FY 2022 funding totals include 30.800 requested for Non Enduring Requirements.

Program Description: Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar repairable and consumable components, assemblies, and sub-assemblies that must be available for issue at all levels of supply in time to support newly fielded end items.

The following Major Defense Acquisition Programs (MDAP) have funding in this line:

- F-35, 198
- FAB-T, 199
- V-22, 212
- AWACS UPGRADE, 277
- KC-46A, 387
- MQ-9 UAS Reaper, 424
- F-15 EPAWSS, 485
- CRH, 479
- CV-22, 212
- MH-139A, 562

The BY funding request was reduced by \$31.068 million to account for the availability of prior year execution balances. Programs affected are 11U200 (-\$.438 million); C01700 (-\$.987 million); C13000 (-\$.178 million); CALL00 (-\$.17.594 million); F01600 (-\$.647 million); F02200 (-\$.9.224 million).

Initial spares are funded in the two program segments described below.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts		P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>Working Capital Fund (WCF) Spares. Since FY 1994, some programs have used obligation authority in the WCF to procure initial spares. When the spares are delivered this central procurement account will reimburse the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.</p> <p>Exempt Spares. This program segment finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Types of spares in this program segment are Whole Spare Engines, Whole Spare Quick Engine Change Kits, Contractor Logistics Support, Simulators/Trainers, New Acquisition Spares, Modification Spares, Support Equipment, Classified Equipment, and Munitions.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts

P-1 Line Item Number / Title:
000999 / Initial Spares/Repair Parts

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

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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-18	Initial Spares/Repair Parts			212 277 265 198 387 424	- / -	- / 1,006.161	- / 677.253	- / 781.521	- / 0.000	- / 781.521
P-40	Total Gross/Weapon System Cost				- / 0.000	- / 1,006.161	- / 677.253	- / 781.521	- / -	- / 781.521

Title represents the P-18 Title for Spares.

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

Justification:
A-10 Modernization Programs: No FY24 funding is requested.

Aerial Targets: FY24 funds are required for spare parts for the Air Force Subscale Aerial Target (BQM-167A). Spares include initial replacement components, equipment and parts.

ASARS-2B/U-2 Mods: No FY24 funding is requested.

Automated Test Systems: FY24 funds are required to procure initial spares for the ATS product group consisting of: Armament and Stores, Avionics, Electronic Warfare, Software Loader/Verifier and Built-in-Test, Radar and Identification Friend or Foe Specialized to include but not limited to initial spares for the Bomber Armament Tester (BAT) a nuclear certified common tester capable of testing on-aircraft Stores Management Systems and Line Replacement Units both on-and off-aircraft. The BAT System will test functionality of the Armament Mission Equipment (AME) that is required for B-2A, B-1B, and B-52H weapons

B-1: No FY24 funding is requested
Note: FY24 B01B00, Aircraft Procurement, Modifications is submitting a Technical Adjustment to realign 2.975 million to 000999/PE 0101126F for B-1 Radio Crypto Compliance Program Initial Spares
Realigns funding within AC Procurement from modification to spares for B-1 Radio Crypto Compliance Program

B-2: No FY24 funding is requested.

B-52: FY24 funding will be utilized to procure required initial spares for these programs to support initial fielding. B-52 RMP will replace the legacy APQ-166 radar with a new radar system that increases reliability and capability. VLF/LF provides the B-52 with a receive-only, very low frequency, secure, survivable strategic communications via a nuclear hardened terminal, antenna, and human-machine interface. B-52 Tactical Data Link 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. B-52 Crypto Mod upgrades aircraft with ARC-210 radios to prevent loss of Beyond Line of Sight voice and data communication.

C-17: FY 2024 funding request to procure initial spares of the hardware kits for on-going modification programs for C-17 aircraft to include Beyond Line of Sight (BLOS), Replacement Heads-Up Display (RHUD), Filter Fire Mitigation, and other production efforts.

C-130H Avionics Modernization Program (AMP) Incr. 2: FY 2024 funding request for initial spares to support and maintain C-130H and LC-130H aircraft that have been modified in the AMP program. Spares will include all components and parts necessary to keep the aircraft operational to include the ARC-210 MUOS/SATURN components and parts.

C-5: FY 2024 funding request for initial spares for RMCD and sparing support for trainers.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts		P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>Combat Developments: FY24 funds are necessary to provide initial spares for E-9 Systems Modifications Spares.</p> <p>Compass Call: FY24 funding request provides initial aircraft and mission systems spares for the EC-37B Compass Call Re-host Program.</p> <p>CV-22: FY 2024 funding request for spares parts in support of Auxiliary Power Unit, Gimbal Ring Joint Redesign, Proprotor Hub Spring/ Drive Link, Coanda Valve, Cockpit ICS Harness, DIRCM ATW Series 2.</p> <p>E-3: No FY24 funding request.</p> <p>E-3 Airborne Warning and Control System (AWACS): Beginning in FY23, funding is discontinued to align with reduced E-3 modification efforts due to the planned transition to the E-3 replacement. No FY24 funding requested.</p> <p>E-11A BACN: Funds are required to support initial fielding and spare for numerous weapon system efforts including, but not limited to, E-11/BACN payloads and aircraft components and communication systems associated with the BACN mission as well as payload control systems and elements. Funding for this exhibit contained in PE 0207238F.</p> <p>E-4B National Airborne Operations Center (NAOC): FY24 funds are required to support initial spares for numerous program efforts, including, but not limited to, Survivable Super High Frequency (SSHF) for Increment 1 Ka baseplate and modem, Low Frequency Transmit System (LFTS) Diminishing Manufacturing Sources and Material Shortages (DMSMS) spare parts, Advanced Extremely High Frequency (AEHF) developed systems including Airborne Computing System (ACS), Enhanced Command Consoles (ECC), Automatic Patch and Test System (APTS), Live Data Recording Element (DRE), 10GigaByte Ethernet, and APIP developed A Kit, and Low Cost Modifications.</p> <p>F-15C/D: FY24 no funding is requested.</p> <p>F-15E: FY24 funding will be used to procure initial spares for ADCP II, MIDS-JTRS and MUOS SATURN.</p> <p>F-15 EPAWSS: No FY24 funding is requested.</p> <p>F-16: FY24 funds are required to procure initial spares to support the fielding of the following Modification Programs: Active Electronically Scanned Array (AESA), Comm Suite Radio Upgrade, Integrated Viper Electronic Warfare Suite (IVEWS), Auto Ground Collision Avoidance System (AGCAS), Modular Mission Computer (MMC) Programmable Display Generator (PDG). Funding will be used to address Diminishing Manufacturing Sources (DMS) issues.</p> <p>F-22 Squadrons: The FY24 funds support the procurement of initial spares to include repairable and consumables items necessary at all levels of supply in time to support newly fielded end items. Efforts include but are not limited to the following: Link 16, Sensor Enhancement, CRPA, Crypto Modification, Mode 5 Identification Friend or Foe (IFF), and Low Drag Tanks and Pylons (LDTP). Link 16 hardware is required to enable Link 16 transmit, critical for combat operations. Sensor Enhancement hardware is required to implement advanced technology developments to maintain the platform's air superiority role. Crypto hardware is required to support National Security Administration mandates. Mode 5 IFF enables IFF Challenge and Reply capabilities on all Block 30/35 F-22 aircraft. LDTP provides increased range capability while maintaining own-ship survivability. Additional initial spares may be required to support newly fielded end items which are not tied to a specific thrust but rather are a result of a reliability, maintainability or sustainability retrofit.</p> <p>F-35: Initial spares funding is required for the USAF F-35A to meet parts availability, resupply response times, maintenance requirements, and to continue to progress toward Full Operational Capability (FOC). The funding will ensure procurement of proper levels for the spares included in Base Spares Packages and the USAF share of the JSF Global Spares Pool (GSP). The GSP is a foundational tenet of the Joint Strike Fighter Enterprise, whereby the Air Force, Navy, Marine Corps, and seven (7) international countries and nine (9) Foreign Military Sales (FMS) partners share the cost of spares, eliminating the need for each individual entity to procure their own full depth and range of spares. These initial spares and repair parts are critical to meeting sustainment milestones for all partners.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts		P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>HH-60W: No FY 2024 funding is requested.</p> <p>KC-135: FY 2024 funding request for AERO-I; RTIC; MUOS; COMM 2 C&D; HF Modernization; and Center Console Refresh (CCR) programs.</p> <p>KC-46: FY 2024 funding request for initial spares parts pipeline and repair spare parts, to include spare engines, in support of newly fielded aircraft; supports Air Mobility Command's bed-down plan, as required by title 10 U.S.C. Chapter 9A, Sec 240-D. FY 2024 funds will be used to competitively procure initial spares using multiple-award IDIQ contracts.</p> <p>MH-139A (562): FY 2024 funding request for initial spares, including but not limited to airframe, engine, readiness, and training systems to support the MH-139A aircraft.</p> <p>OTHACF Precision Attack Systems Procurement: FY24 funds are necessary to procure initial spares to support and maintain Advanced Targeting Pods modified with enhanced combat identification, longer range target location and improved imagery processing capabilities. Spares will include major sub-components such as mid-wave and long-wave infrared cameras, mission processors and controllers, and redesigned data links for encryption, as well as eye-safe lasers for use in urban environments.</p> <p>OTHACF FULL COMBAT MISSION TRAINING (FCMT): FY24 is a new start for FCMT Initial Spares. FY24 funding supports the procurement of 8 virtual air threat simulators that will be integrated into the Nellis Virtual Test and Training Center as part of the Joint Synthetic Environment effort.</p> <p>RC-135 Aircraft: FY24 funds are required to procure initial spares in support of modifications of three different RC-135 aircraft mission design series utilizing seven separate engineering baselines. The initial spares consist of numerous non-stock listed, commercial-off-the-shelf (COTS) LRU's, SRU's and piece part electronic components necessary for initial fielding and operations at seven world-wide operating locations.</p> <p>T-1A (Undergraduate Pilot Training): FY 2024 funding request to procure initial spares for the T-1A aircraft.</p>		

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Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2024 Air Force					Date: March 2023	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 06 / 10		P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts			Title: Initial Spares/Repair Parts	
End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2022 (\$ M)	FY 2023 (\$ M)	FY 2024 Base (\$ M)	FY 2024 OCO (\$ M)	FY 2024 Total (\$ M)
Initial						
BA 06 - Aircraft Spares and Repair Parts						
A01000 / A-10 Squadrons	-	1.218	5.488	0.000	0.000	0.000
10TRGT / Aerial Targets	-	0.600	0.401	0.643	0.000	0.643
OTHACF / Precision Attack Systems Procurement	-	0.010	2.292	3.669	0.000	3.669
OTHACF / Automated Test Systems	-	2.942	2.580	0.000	0.000	0.000
B00200 / B-2 Squadrons	-	-	9.242	0.000	0.000	0.000
B05200 / B-52 Squadrons	-	-	8.525	9.173	0.000	9.173
C13000 / C-130 Airlift Squadron	-	0.419	1.153	0.695	0.000	0.695
C01700 / C-17 Aircraft (IF)	-	11.090	10.707	11.637	0.000	11.637
C00500 / C-5 AIRLIFT SQUADRONS (IF)	-	-	1.269	2.053	0.000	2.053
OTHACF / Combat Developments	-	0.158	0.105	0.168	0.000	0.168
CALL00 / Compass Call	-	119.265	11.343	68.555	0.000	68.555
H060WM / Combat Rescue Helicopter	-	76.937	119.768	0.000	0.000	0.000
V022A0 / CV-22 [212]	-	10.525	2.254	3.989	0.000	3.989
E011A0 / E-11A	-	-	-	17.406	0.000	17.406
E00300 / Airborne Warning and Control System (AWACS) [277]	-	4.274	-	0.000	0.000	0.000
E00400 / E-4B National Airborne Operations Center (NAOC)	-	0.000	5.000	0.364	0.000	0.364
EQ04B0 / EQ-4B	-	7.090	-	0.000	0.000	0.000
F01500 / F-15A/B/C/D Squadrons	-	1.236	1.117	0.000	0.000	0.000
F15EWS / F-15 EPAWSS	-	28.005	19.796	0.000	0.000	0.000
F01500E / F-15E Squadrons	-	16.701	12.719	14.081	0.000	14.081
F01600 / F-16 Squadrons	-	40.602	20.482	8.271	0.000	8.271
F02200 / F-22A Squadrons [265]	-	13.709	17.369	35.941	0.000	35.941
ATA000 / F-35 Squadrons [198]	-	439.725	250.457	314.470	0.000	314.470
OTHACF / Full Combat Mission Training	-	-	-	11.619	0.000	11.619
C01000 / KC-10s	-	0.000	0.032	0.000	0.000	0.000
C13500 / KC-135S	-	0.000	2.024	2.591	0.000	2.591
KC046A / KC-46A Tanker Squadrons [387]	-	154.207	100.938	195.184	0.000	195.184
PRDTB1 / MQ-9 UAV [424]	-	18.451	14.078	0.000	0.000	0.000
C02500 / Operational Support Airlift	-	-	0.298	0.027	0.000	0.027
DARP01 / RC-135 (Manned Reconnaissance Systems)	-	51.305	44.461	55.614	0.000	55.614

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Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 06 / 10	P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts	Title: Initial Spares/Repair Parts
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End Item Line Item Number / Name [MDAP/MAIS]	Prior Years <i>(\$ M)</i>	FY 2022 <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 Base <i>(\$ M)</i>	FY 2024 OCO <i>(\$ M)</i>	FY 2024 Total <i>(\$ M)</i>
11U200 / U2 (Airborne Reconnaissance Systems)	-	7.692	2.102	1.707	0.000	1.707
T00100 / Undergraduate Pilot Training (UPT)	-	-	-	3.350	0.000	3.350
H0106O / MH-139A (UH-1N Replacement)	-	-	11.253	20.314	0.000	20.314
Subtotal: Initial	-	1,006.161	677.253	781.521	0.000	781.521
Total Cost (Initial + Replenishment)	-	1,006.161	677.253	781.521	0.000	781.521



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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

P-1 Line Item Number / Title:
000071 / Aircraft Replacement Support Equip

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0202834F **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	59.935	127.045	138.935	157.664	-	157.664	159.858	151.498	161.531	198.696	-	1,155.162
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	59.935	127.045	138.935	157.664	-	157.664	159.858	151.498	161.531	198.696	-	1,155.162
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	59.935	127.045	138.935	157.664	-	157.664	159.858	151.498	161.531	198.696	-	1,155.162

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

Initial Spares (<i>\$ in Millions</i>)	-	2.999	1.290	-	-	-	-	-	-	-	-	4.289
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance, servicing, and sortie generation requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system and directly contribute to aircraft availability and mission readiness. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include (but are not limited to): avionics test stations, miscellaneous aerospace ground equipment, aircraft handling equipment, aircraft maintenance stands, flight line compressors, air conditioners and heaters, aerial stores lift trucks (jammers) and weapon loading adapters, ammunition loaders and munitions assembly conveyors, cryogenic equipment, small and large munitions trailers, flight line generators and secondary power systems, electronic test sets, propulsion support equipment, calibration, optical and ancillary testers, automatic test systems and multi-function /multi-capability equipment where it is suitable for the mission. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and impair USAF Aircraft generation time lines.

PROGRAMS SUPPORTED:

Flight Line Air Conditioners /Heating, Ventilating and Air Conditioning (HVAC)(SEV)

The Flight Line HVAC program provides the capability to operate aircraft systems, both nuclear and conventional, that require environmental control during ground operations. The program consists of 150+ different National Stock Numbers which consists of air conditioners, heaters, liquid coolant carts, refrigerant reclamation systems, and multi-function/multi-capable type carts. Included in the programs capabilities are the high /low volume, high /low pressure deployable air conditioners in support of all aircraft in the USAF inventory. Its purpose is to provide conditioned air for supporting pre-flight activities and ground maintenance efforts for electronic laden aircraft supporting radar, avionic and telemetry systems. Operational assessments determined that legacy air conditioners were not performing to their specified operating temperatures. These air conditioners have exceeded their 20 year life expectancy. The age of this equipment, High ops tempo, high temperatures, and other environmental conditions in the Middle East have caused legacy air conditioners to fail, affecting operational readiness and jeopardizing critical mission. Due to obsolescence, continued modification of legacy equipment is becoming non feasible and /or cost prohibitive. Lack of dependable air conditioning equipment continues to cause operational impacts such as rescheduling maintenance activities to nighttime operations or delaying sorties in order to avoid overheating of critical electronic warfare /avionics systems and personnel. Consequently, the warfighter has established a critical need for large and small flight line air conditioner replacement programs. The primary goals of this program are to replace the legacy units. The new large air conditioners will replace three legacy systems (approx. 400 units). The new small air conditioners will replace five legacy systems (approx. 2,400 units)

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>B-1B Advanced Radar /Electronic Warfare Test Station (ARTS) (ATS) The Advanced Radar /Electronic Warfare Test Station (ARTS) replaces 1970s vintage Radar /Electronic Warfare (REW) test stations and the Defensive Avionics Augmentation Equipment (DAAE). ARTS is a fully automated, programmable, stimulus generating, response measuring, intermediate automatic test equipment that will checkout, align, and fault isolates 21 avionics Line Replaceable Units (LRUs). ARTS interfaces to the LRU's via Test Program Sets (TPS). TPS's are required to perform the automated testing and faults isolation of the Unit Under Test (UUT). A TPS consists of test software, an Interface Adapter (ITA), cables used to connect the ITA to UU, and supporting documentation. This test station supports B-1B Radar /Electronic Warfare LRUs, and ultimately impacts B-1B mission capability for Global Attack missions. Failure to provide funding for ARTS will reduce B-1B mission capability due to non-availability of serviceable assets. The Automatic Test Equipment (ATE) presently supporting B-1B LRU troubleshooting and repair is no longer supportable due to diminished manufacturing sources and obsolescence caused by the age of the equipment. The average REW and DAAE mission capable rate is 67%.</p> <p>Aerial Stores Lift Trucks (SEV) The Aerial Stores Lift Trucks program acquires air transportable, nuclear-certified hydraulically operated lift equipment (and associated accessories) used to load conventional and nuclear weapons, fuel tanks, Electronic Counter Measure pods, and pylons. This program consists of 112 different National Stock Numbers. The lift trucks in inventory are capable of lifting various weights. Updated lift trucks allow the USAF to retain this capability while also improving mobility footprint by reducing level of failures and repairs and procuring more ideal sizes to meet combat needs for conventional and nuclear units. Lift trucks are used in support of the A-10, B-1, B-2, B-52, C-130, F-15, F-16, F-22, F-35 and KC-46 aircraft. Users of the lift trucks include USAF, ANG, AFRC, and FMS. The goal of this program is to re-capitalize the aging munitions loading equipment for continual mission support. Additionally, depot repair of legacy lift trucks has been uneconomical, exceeding new procurement costs of equipment.</p> <p>Common Operational Level Tester (COLT)(ATS) COLT is used on B-2 and F-22 weapon systems and is Nuclear Certified. The Common Operational Level Tester (COLT) is a multiple application-based tester that allows the Air Force maintainers to perform maintenance task to verify the operational capability of aircraft armament and stores management systems /subsystems and armament components. It includes the tester unit, ancillary equipment and related software program, data and documentation. Funding for this effort will allow all obsolescent items within the tester to be updated. It also will allow updating of the software to meet Authority to Operate (ATO)conditions set in the Plan of Actions and Milestones that is coordinated with the COLT Authorizing Official.</p> <p>Munitions Materiel Handling (MHU) 196 /204 Service Life Extension Program (SLEP)(SEV) MHU-196 /204 trailers have been in service since 1982 and have been identified for a Limited Service Life Extension Program (SLEP). These trailers are self-powered, heavy duty, U-type frame munitions trailers with 40,000 lbs lift capacity used to transport, lift rotary launchers and bomb racks with conventional and nuclear munitions for supporting B-1, B-2, and B-52 aircraft missions. Through requirements documentation (AF Form 1067, Modification Proposals, AFMC Lead Command Control No. A4M200007 and A4M200008), AFGSC identified the requirement to preserve the heavyweight loading capability in support of the B-52, B-1, and B-2 until 2050 or beyond. This program intends to extend the reliability and supportability of the MHU-196 /204 trailers and provide a comprehensive assessment of anticipated end-of-life, ensuring AFGSC & USSTRATCOM bomber generation requirements are fulfilled. At present time no other heavy lift devices have been identified to meet mission and nuclear safety requirements.</p> <p>Items Less Than 5M (SEV, ATS, AFSC) The Items Less Than 5 Million line procures replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. All item procured under this requirement have been moved to the family of systems in which the belong for FY20.</p> <p>ATS - Base Maintenance and Support Equipment (ATS) ATS - Base Maintenance and Support Equipment procurement dollars will be used in support of the purchase /upgrades of Armament Test Sets, purchase of Common Cargo ATS, hardware, TPS and other support to ensure cyber secure Automatic Test Systems and costs associated with Common items (used on more than one weapon system) and peculiar items (unique to one weapon system) automated test equipment for the Automatic Test Systems Division. These replacement items ensure continuation of serviceable equipment over the life of a weapon system. Items for procurement include, but are not limited to, test adapter kits, transponder test sets, Portable Automatic Test Sets, Radar Signal Simulators (RSS), logistics under attack cyber efforts, digital test stations, automated wire test sets, propulsion automatic test equipment, automatic test equipment calibration, smart weapons test sets, optical and ancillary testers, Commercial Off the Shelf (COTS) Automatic Test Equipment (ATE).</p> <p>PMA Other Government Costs applies to travel in relation to multiple platforms to include, but are not limited to F-16, B-52, B-1, B-2, F-15, A-10, cyber support, and other government costs in support of Automatic Test Systems programs and the Automatic Test System program office. Programs include, but are not limited to, ATS Standardization, Portable Automatic Test Sets (PATS), Identification Friend or</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>Foe-Radar Test Set (IFF-RTS), Electrical Electronics Equipment Test Station (EEETS), Common Organizational Level Tester (COLT), Armament Test Sets (ATS), Automated Wiring Test Set (AWTS), Electronic Warfare (EW) Chaff /Flare, Radar Signal Simulator (RSS)(AN /PLM-4), Radio Frequency Transmission Line Test Set (RFTLTS), Benchtop Reprogrammable Test System (BRAT), Helmet Cueing System Automatic Test Equipment (HCS-ATE) Commercial Off the Shelf (COTS) Automatic Test Equipment (ATE).</p> <p>Common Aircraft Portable Reprogramming Equipment (CAPRE)(ATS) Common Aircraft Portable Reprogramming Equipment (CAPRE) supports 45 Mission Design Series (MDS) to reprogram aircraft computer software, update threat data in electronic warfare pods, perform aircraft diagnostic troubleshooting, and support automated technical orders. CAPRE consists of a mobile maintenance terminal, cables, interface modules, software, and Aircraft Adapter Groups (AAGs). Critical to CAPRE are the AAGs. AAGs connect CAPRE laptops, test equipment, and Line Replaceable Units (LRU) on support weapon systems. There are 10 to 26 AAGs required per CAPRE, depending on the aircraft type. Each AAG contains unique cables, connectors, interface module hardware, and software to support reprogramming LRUs. Each shop /location /platform utilizing the aircraft system requires AAGs. Mission-critical Operational Flight Programs (OFPs) and mission data files are downloaded to the CAPRE laptop for the secure bulletin board and over secure telephone units. Personnel then transport CAPRE to the weapon system and use AAGs to upload files to avionics /electronic warfare computers. The CAPRE supports the following weapon systems: A-10, B-1, B-52, C-5, C-17, C-130, CV-22, F-15, F-16, H-60, and KC-46. CAPRE is the recognized standard for Air Force Memory Loader Verifier capability.</p> <p>Hydraulic Servicing Equipment (SEV) The Hydraulic Servicing Equipment program will re-capitalize over 44 legacy variants of hydraulic test stands in USAF inventory. This program consists of 275 different National Stock Numbers. The primary effort is procurement of the universal hydraulic test stand (UHTS) which comes in electric and diesel, 2-system and 3-system configurations, depending on aircraft and maintenance requirements. The UHTS provides pressure to aircraft hydraulic systems without running the engines. It also adds on-board hydraulic fluid purification capability to eliminate the need for standalone purifiers. To reduce the cost of ownership, simplify life cycle sustainment and improve global operations, the UHTS variants share an 80-90% parts commonality and were designed for ease of maintenance. The UHTS cleans hydraulic fluid to a higher purity than received from the manufacturer, drastically reducing the wear and tear and early age-out of aircraft component parts, increasing aircraft availability and mission readiness.</p> <p>Joint Service Electronic Combat Systems Tester (JSECST) (ATS) The Joint Service Electronic Combat Systems Tester (JSECST) provides an organizational level (O-level) flight line capability for verifying the operational status of aircraft installed Electronic Combat (EC) systems including their associated installed antennas, transmission lines, radomes, cockpit displays, controls and EC suite communication buses. JSECST is a joint-use tester, which the Air Force is the lead service. It also provides EC system malfunction diagnostics. The JSECST provides end-to-end (ETE) functional testing to determine the status of EC system installed in or on operational aircraft. It automatically determines the go /no-go status of the EC system with minimal technician interaction. In cases where the EC system has a critical fault, the JSECST detects the critical failure, identifies the ETE test that failed, and provides the diagnostics to isolate the failed aircraft transmission line path /component or line replaceable unit (LRU). The JSECST can be operated in automatic or manual mode to provide identification and isolation of failed EC systems. This equipment supports the Air Forces A-10, F-15, F-16, C-130, CV-22, B-52, and MH-60 aircraft; failure to procure this item would compromise the safety of more than 53 operational units.</p> <p>Portable Automatic Test Sets (ATS) Portable Automatic Test Set (PATS)-70 provides troubleshooting capability, reduces downtime and enhances fault isolation for Avionics and Armament Munition. It replaces the PATS-30 which experienced obsolescence and diminishing sources and becoming unsupported. The PATS-70 contains both Avionics and Armament Test Program Sets for the A-10 Aircraft. The program is currently phased (Versions 1 and 2, and Armament). The PATS-70, a modernized version (Threshold) which also includes capabilities for ops check & fault isolation of Alpha Mach (Threshold) & Anti-Skid (Objective) Systems as PATS-70v1 followed by Anti-Skid & Fuel Quantity Indicating Systems (Thresholds) with Stability Augmentation System (SAS), Integrated Flight and Fire Control Computer (IFFCC) Systems (Objectives) as PATS-70v2. PATS-70A will incorporate all features of the following currently fielded O & I-level armament testers: Control Test Set TS-4231 /U, Missile Launch Control Test Set TS-4231 /U, Missile Launch System Test Set TS-4230 /U, Guided Missile Test Set AN /DSM-157, Gun Test Set TS-138, MK-III & MK-IV Rocket Launcher & Flare Dispenser Testers, and Ejector Bomb & Rack Test Sets.</p> <p>Small Munitions Trailers (SEV) The Small Munitions Trailers program provides trailers (and associated accessories) capable of carrying up to 15,000 lbs of conventional munitions and up to 6,000lbs of nuclear munitions in direct support to aircraft operations. These trailers can carry bombs, missiles (Air-to-Air and Air-to-Ground), all calibers of ammunition, all countermeasures all decoys and practice bombs. Small Munitions Trailers directly support B-1, B-2, B-52, A-10, F-15, F-16, F-22, F-35, C-5, C-17, C-130, AC-130, KC-46, KC-10 and KC-135 rated to carry munitions as cargo. The goal of this program is to replace all legacy small munitions</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>trailers in USAF inventory in one program effort. The average legacy trailer has exceeded twice its 20 year service life. The last procurement of these trailers was in 1992. The impact of age plus wear and tear have created serious obsolescence issues and high overhaul repair costs. Currently, the cost to complete a depot overhaul of a legacy trailer is nearly twice the estimated procurement cost of a new trailer.</p> <p>Nondestructive Inspection (NDI) & Oil Analysis Program (OAP)(SEV) The NDI /OAP program provides a twofold capability. NDI equipment is used to find cracks, corrosion and other signs of impending failure in an aging fleet of aircraft and support equipment. Oil analysis equipment detects impending aircraft bearing, gearbox and engine failures. This program supports mandated inspection procedures of all variants of aircraft and aircraft engines in the USAF inventory. These capabilities represent 218 different National Stock Numbers. Many items within NDI & OAP program use electronics which are increasingly unsustainable. The goal of this program is to capture advances in technology preparing Air Force for new missions /equipment while also increasing effectiveness and accuracy of inspections. Additionally, for NDI, conversion to digital X-Ray equipment eliminates need for costly film and processing supplies which utilize hazardous materials.</p> <p>Aircraft Engine Test Equipment (AETE)(SEV) The AETE program provides the capability for the warfighter to download, test, repair, troubleshoot and analyze engine data on all variants of aircraft found in the United States Air Force inventory. This program consists of, but is not limited to; engine test stands, engine test fixtures and adapters, noise suppressors (equipment that is designed to house and reduce the noise of engines while being tested), engine test sets & engine download devices (various pieces of equipment that support the analysis of engines and potential issues needing maintenance attention). These capabilities represent approximately over 450 different National Stock Number items. The goal of this program is to support the replacement of antiquated legacy equipment or fill the large gaps in the authorized vs "on-hand equipment. A majority of flight line testers are beyond their serviceable life and must be replaced.</p> <p>Aircraft Engine Handling Equipment (AEHE)(SEV) The AEHE program will procure various equipment that provide the capability to remove /install, store and transport aircraft engines. This equipment supports all variants of aircraft found in the USAF inventory. The program currently consists of 256 different National Stock Numbers items. These items include, but are not limited to, aircraft engine trailers, ground handling adapters, ground handling cradles and engine holding fixtures. The goal of this program is to replace the aging equipment that has exceeded its service life, many by 20-30 years. Due to the age of the equipment, the AF is challenged due to parts obsolescence. This is causing trailers in the field to be cannibalized to garner replacement parts to support the aircraft mission. This is quickly becoming an unsustainable activity to maintain fleet readiness.</p> <p>Aircraft Maintenance Test (AMT)(SEV) The AMT program acquires equipment that provides the capability for flight line personnel to test, analyze, troubleshoot and repair aircraft sub-systems. This capability is critical for aircraft maintainers to maintain readiness of the USAF aircraft fleet. Equipment under this program includes avionics, electrical and mechanical testers as well as boresights and optical equipment. Items in this portfolio are used on all USAF aircraft across all Major Commands at both home station and deployed locations. Legacy systems are aging and facing obsolescence issues and rising repair costs.</p> <p>Flight Line Maintenance Stands (SEV) The Flight Line Maintenance Stands program is responsible for procurement of stands utilized by aircraft technicians to work safely at various heights while performing maintenance and inspections on multiple aircraft weapon systems. This program consists of 173 different National Stock Numbers. The goal of the program is to modernize the 40+ year old legacy stand designs, which are no longer supported by the Original Equipment Manufacturers. Currently, the legacy stands do not meet OSHAs and Air Force Safety Office recently imposed standards. Procurement of the new safety compliant stands will provide critical fall protection for flight line and hanger maintenance operations which reduces maintenance costs and increases safety for our airmen.</p> <p>Flight Line Generators (SEV) The Flight Line Generator program supports the procurement of modernized equipment providing ground power capability to support the launch and maintenance of all aircraft platforms within the USAF inventory. The program currently consists of 25 different National Stock Numbers. Primary goals of this program is to re-capitalize the aging generator fleet. The large generator sets provide necessary electrical power to support the USAFs Low Density /High Demand fleet; E-3, E-4B, E-8, EC-130, and RC-135 aircraft. The small generator sets provide the necessary power to support the rest of the USAF aircraft fleet. As a whole, 70% of the legacy generators on the flight line have exceeded the 20 year service life by an average of eight years. These systems are rapidly becoming unsupportable due to growing costs, age and parts obsolescence, increasing the risk to mission readiness across the various aircraft platforms. Additionally, depot repair of legacy generators have become uneconomical as these costs are now up to triple the procurement cost of a newer, more universally compatible power unit. The goal of this program is to replace antiquated and exhausted generator sets and reduce the number of models in the field to</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>decrease overall USAF footprint, and also has other benefits as newer generators up to 70% less fuel than current turbine generators in use. This will be accomplished with replacement power units and multi-function/multi-capable type units which will both reduce USAF mobility footprint, and enable a more agile combat employment of the forces.</p> <p>Flight Line Compressors (SEV) The Flight Line Compressor program provides dry, compressed air for power tools, aircraft engine start and servicing. The program consists of 260 different National Stock Numbers. Without the availability of mobile compressors, maintenance times increase due to required manual operation of hand tools. The high pressure compressors also are the only units capable of providing the required air to operate the F-16 missile rail system and 20mm ammunition loading systems. This program replaces numerous legacy systems reducing operational costs and improving maintenance capability. Newer systems provide higher performance /efficiency with increased air volume needed for advanced aircraft (F-22, F-35, and KC-46). A new workload recently added to this portfolio is pneumatic lifting bags. These bags are crash damaged or disabled aircraft recovery (CDDAR) devices used to lift damaged or crippled aircraft where it is impractical or impossible to use standard aircraft jacks. There are currently 26 bases with less than 50% asset availability that may not be able to effectively clear their active runway in the event of a crashed aircraft.</p> <p>Secondary Power(SEV) The Secondary Power program provides multiple pieces of electrical equipment including, but not limited to, load banks, frequency converters, power supplies, distribution boxes, and lighting equipment which support aircraft both on the flight line and back shop operations. It provides external ground power and illumination for every USAF aircraft. The program consists of 135 different National Stock Numbers used in direct support of testing /repair of aircraft avionics and communication equipment. Without this capability, field repair of aircraft line repairable units is impossible, increasing the supply chain and repair costs. Two of the larger projects within the program are the 100kW load bank and four-wheel light cart. The load bank is a portable, trailer-mounted, four-wheel chassis designed to test /troubleshoot loads on small flight line generators at multiple voltages. The four-wheel light cart is a self-contained, mobile power generating light source used for essential lighting on the flight line.</p> <p>Cryogenic Systems(SEV) The Cryogenic Systems program provides the capability for aircraft maintenance personnel to service critical aircraft life support systems using oxygen and nitrogen servicing equipment. This program consist of 80 different National Stock Numbers. The newest acquisition in this program, the High Purity Self Generating Nitrogen Servicing Cart, meets fifth generation requirements and reduces the logistics footprint of legacy systems and is in high demand by the warfighter. The goal of this program is to replace legacy systems that have exceeded the 20 year service life and units exhausted from high ops tempo, experiencing increased maintenance downtime and sustainment costs.</p> <p>Miscellaneous Aerospace Ground Equipment (AGE)(SEV) The Miscellaneous AGE program consists of aircraft handling equipment along with multiple pieces of flight line support equipment and aircraft maintenance equipment. The program contains over 4,000 different National Stock Numbers supporting all USAF aircraft. The Miscellaneous AGE portfolio includes, but is not limited to aircraft jacks, aircraft towbars, aircraft slings, hoists, various aircraft fixtures, aircraft ladders, ground handling equipment, and bearings. Two of the primary projects within this program are the Hydraulic Pumping Unit (HPU) and the Multi-Aircraft Canopy Crane. HPU is a four-wheel mounted, diesel and electric driven unit capable of operating multiple jacks simultaneously on the KC-135, C-130, C-17, C-5, E-3, E-8 and B-52 aircraft. This new dual powered unit replaces legacy models experiencing obsolescence and reaching its life expectancy. The Multi-Aircraft Canopy Crane has a lifting capability of 1,500 lbs and is utilized by F-15, F16, F-22, F-35, U2, HH60, T-38 and B-52 aircraft. It is used to remove /install various aircraft components such as canopy ejection seats, ammunition drums and vertical stabilizers. The legacy crane is also much larger, requiring a bigger logistics footprint for deployments and is also experiencing maintenance and parts availability issues.</p> <p>Versatile Digital Automatic Test Station (VDATS) (ATS) Versatile Digital Automatic Test Station (VDATS) is a tester that is used for maintenance and testing of advanced avionics components that supports multiple aircraft platforms and systems. Initially, VDATS was developed to reduce Automatic Test Systems (ATS) proliferation by standardizing depot avionics test stations. VDATS is the standard for avionics test and repair at the base and above levels. VDATS has flexible hardware and software architectures that are fully expandable and tailorable.</p> <p>The ATS described in this document were evaluated /approved by the Automatic Test Systems (ATS) Division Chief and are in line with the USAF ATS objective. The ATS program office is focused on reducing weapon system-unique ATS through replacement with a Common Versatile ATS tester that can perform similar testing across multiple weapon system platforms. The ATS Division ensures collaborative requirements planning for new ATS to reduce proliferation of new weapon system-unique ATS.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

The ATS portfolio consists of approximately 8,000 individually configured pieces of test equipment. The ATS program office is responsible for the modernization, procurement, sustainment, and recapitalization of this equipment. Included in this portfolio are 8 nuclear certified testers. They are Bomber Armament Tester (BAT), B-52 Multi-Use Systems Tester Armament Next Generation (MUSTANG), Cruise Missile Automatic Test Systems (CM-ATS), B-2 Common Organizational Level Tester (COLT), F-16 Stores System Tester (SST), F-15 Armament Testers (T-198 & T-199), F-16 Armament Circuits Preload Test Set (ACPTS).

Requirement for cyber security: Increased emphasis and new direction regarding cyber security of off-network information systems (platform information technology, PIT) is driving the requirement to perform certification and accreditation (C&A) of new and legacy Automatic Test Systems (ATS) in order to obtain an authority-to-operate (ATO) for the system. The requirement to perform C&A on PIT involves an analysis of system architecture and a subsequent risk-based assessment of vulnerabilities. A mitigation plan for identified vulnerabilities is developed resulting in a Plan of Action and Milestones (POAM) Funds will be used to procure and re-capitalize the ATS Product Group which consists of:

- Armament and Stores ATS
- Avionics
- Electronic Warfare ATS
- Software Loader /Verifier and Built-in-Test ATS
- Radar and Identification Friend or Foe ATS
- Specialized ATS

to include proven commercial and /or Government off-the-shelf ATS to replace legacy and obsolete systems to ensure persistent logistics and enable agile combat employment.

This is an engineering intensive activity.

FY23 funds will be used to procure PAO cart for Multi-Platform Radar Technology Insertion Program (PM-RTIP) on RQ-4 B40. Funding for this exhibit contained in PE 0305220F.

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

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.

Program elements associated with this P-1 Line are: 0202834F, 0502834F, 0502844F, and 0701212F.

Secondary Distribution		FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028
AF	Quantity	188	719	773	0	773	-	-	-	-
	Total Obligation Authority	91.285	108.434	119.564	0.000	119.564	29.462	37.518	38.331	-
AFNG	Quantity	42	304	329	0	329	-	-	-	-
	Total Obligation Authority	23.028	19.517	24.238	0.000	24.238	-	-	-	-
AFR	Quantity	21	200	190	0	190	-	-	-	-
	Total Obligation Authority	12.732	10.984	13.862	0.000	13.862	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028
Total:	Quantity	251	1,223	1,292	0	1,292	-	-	-	-
Secondary Distribution	Total Obligation Authority	127.045	138.935	157.664	0.000	157.664	29.462	37.518	38.331	-

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

P-1 Line Item Number / Title:
000071 / Aircraft Replacement Support Equip

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0202834F **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	Aircraft Engine Testing Equipment Program				- / -	- / 5.333	- / 7.788	- / 7.986	- / -	- / 7.986
P-5	B-1B Advanced REW Test Station (ARTS)		A		- / -	- / 6.517	- / 6.866	- / 3.033	- / -	- / 3.033
P-40a	Aerial Stores Lift Trucks				- / -	- / 14.411	- / 14.497	- / 10.000	- / -	- / 10.000
P-40a	Aircraft Maintenance Secondary Power				- / -	- / 0.000	- / 9.116	- / 10.200	- / -	- / 10.200
P-40a	Aircraft Maintenance Testers				- / -	- / 15.690	- / 15.990	- / 10.620	- / -	- / 10.620
P-3a	1 / MHU-196/204 SLEP (Service Life Extension)		B		- / 59.935	- / 15.267	- / 1.721	- / 17.513	- / 0.000	- / 17.513
P-40a	Ammunition Loading Equipment				- / -	- / 10.001	- / 28.659	- / 23.568	- / -	- / 23.568
P-40a	ATS - Base Maint & Spt Eq				- / -	- / -	- / 0.000	- / 8.606	- / -	- / 8.606
P-40a	ATS TMDE-Electronic				- / -	- / 11.380	- / 3.447	- / 1.455	- / -	- / 1.455
P-5	Bomber Armament Tester		B		- / -	- / -	- / -	- / -	- / -	- / -
P-40a	BP12 ITEMS LESS THAN 5 MILLION DOLLARS				- / -	- / -	- / 5.053	- / -	- / -	- / -
P-40a	Flight Line Generators				- / -	- / 3.102	- / 11.145	- / 38.256	- / -	- / 38.256
P-40a	FLIGHTLINE COMPRESSORS				- / -	- / -	- / -	- / 0.842	- / -	- / 0.842
P-40a	Flightline Heating, Ventilating, Air Conditioning				- / -	- / 22.329	- / 15.782	- / 22.028	- / -	- / 22.028
P-40a	Hydraulic Servicing Equipment				- / -	- / 5.797	- / 9.688	- / 3.057	- / -	- / 3.057
P-40a	JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)				- / -	- / 2.507	- / 2.211	- / 0.500	- / -	- / 0.500
P-40	Total Gross/Weapon System Cost				- / 59.935	- / 127.045	- / 138.935	- / 157.664	- / -	- / 157.664

Exhibits Schedule					FY 2025	FY 2026	FY 2027	FY 2028	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	Aircraft Engine Testing Equipment Program				- / -	- / -	- / -	- / -	- / -	- / -
P-5	B-1B Advanced REW Test Station (ARTS)		A		- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Aerial Stores Lift Trucks				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Aircraft Maintenance Secondary Power				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Aircraft Maintenance Testers				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / MHU-196/204 SLEP (Service Life Extension)		B		- / 29.462	- / 37.518	- / 38.331	- / 0.000	- / -	- / 199.747
P-40a	Ammunition Loading Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	ATS - Base Maint & Spt Eq				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	ATS TMDE-Electronic				- / -	- / -	- / -	- / -	- / -	- / -
P-5	Bomber Armament Tester		B		- / -	- / -	- / -	- / -	- / -	- / -
P-40a	BP12 ITEMS LESS THAN 5 MILLION DOLLARS				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Flight Line Generators				- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0202834F **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					FY 2025	FY 2026	FY 2027	FY 2028	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	FLIGHTLINE COMPRESSORS				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Flightline Heating, Ventilating, Air Conditioning				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Hydraulic Servicing Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)				- / -	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / 159.858	- / 151.498	- / 161.531	- / 198.696	- / -	- / 1,155.162

*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:
 FY24 procurement dollars procures support equipment items, Program Management Administration (PMA), and other government associated costs in support of installation and unit mission requirements for Air Force personnel. PMA may include studies for DMSMS actions.

Please refer to individual P-3As, P-40As and P-5s for FY23 justifications.

Efforts with funding starting in FY 2025 through FY 2028 are summarized on the P-40. Not all details of this funding are included in this P-40 exhibit set. A summary of the excepted details is as follows:

- (a) FY 2025 Cost Delta: 130.396 million
- (b) FY 2026 Cost Delta: 113.980 million
- (c) FY 2027 Cost Delta: 123.200 million
- (d) FY 2028 Cost Delta: 198.696 million
- (e) FY Total Cost Delta: 955.415 million

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1							P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip								Aggregated Items Title: Aircraft Engine Testing Equipment Program				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Support - Support End Item Cost																				
PMA Other Government Costs	A		-	-	-	-	-	-	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	0.100		-	0.100		-	-		-	0.100
Subtotal: Support - Support End Item Cost			-	-	-	-	-	-	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
Hardware - Hardware End Item Cost																				
Engine Test Equipment	A		-	-	-	0.034	159	5.333	0.030	254	7.688	0.036	220	7.886	-	-	-	0.036	220	7.886
<i>Secondary Distribution</i>																				
AF				-	-		99	3.294		169	4.977		140	4.525		-	-		140	4.525
AFNG				-	-		40	1.356		40	1.005		51	2.155		-	-		51	2.155
AFR				-	-		20	0.683		45	1.706		29	1.206		-	-		29	1.206
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	5.333	-	-	7.688	-	-	7.886	-	-	-	-	-	7.886
Total			-	-	-	-	-	5.333	-	-	7.788	-	-	7.986	-	-	-	-	-	7.986

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

Remarks:
Prior to FY 2023, PMA Other Government Cost activities were included in the program hardware funding. The FY 2023 PMA Other Government Cost funding may also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Item Number / Title [DODIC]: B-1B Advanced REW Test Station (ARTS)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	6.517	6.866	3.033	-	3.033
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	6.517	6.866	3.033	-	3.033
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	6.517	6.866	3.033	-	3.033

(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)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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 - Hardware End Item Cost																		
Recurring Cost																		
Advanced RE/W Test Station	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
<i>Subtotal: Hardware - Hardware End Item Cost</i>	-	-	-	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
Support - Support End Item Cost																		
ICS	-	-	-	-	-	6.492	-	-	6.841	-	-	3.008	-	-	-	-	-	3.008
PMA Other Government Costs	-	-	-	-	-	0.025	-	-	0.025	-	-	0.025	-	-	-	-	-	0.025
<i>Subtotal: Support - Support End Item Cost</i>	-	-	-	-	-	<i>6.517</i>	-	-	<i>6.866</i>	-	-	<i>3.033</i>	-	-	-	-	-	<i>3.033</i>
Gross/Weapon System Cost	-	-	-	-	-	6.517	-	-	6.866	-	-	3.033	-	-	-	-	-	3.033

Remarks:

B-1 Advanced Radar/Electronic Warfare Test Station (ARTS) PEC 0701212F

B-1B Advanced Radar/Electronic Warfare Test Station (ARTS) is an automated test systems program that addresses obsolescence and support issues for the existing legacy Automatic Test Systems (ATS) which are used for the test, measurement, and analysis of Line Replaceable Units (LRU) which comprise the B-1 Bomber's ALQ-161 Defensive Avionics System (DAS). B-1B ARTS will replace the legacy ATS currently in Air Force inventory. B-1B ARTS will be used in the back shops of the 7th Maintenance Group at Dyess AFB, the 28th Maintenance Group at Ellsworth AFB, and the 116th Air Control Wing at Robins AFB. The 402nd Electronic Maintenance Group at Robins AFB uses this system for depot level repair.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Item Number / Title [DODIC]: B-1B Advanced REW Test Station (ARTS)
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

The legacy ATS used to repair the ALQ-161 DAS on the B-1B is increasingly difficult to support because of parts obsolescence. The DAS not being fully operational will negatively affect the B-1's capability to provide global responsiveness, precision firepower with range, loiter, dash, and a significant quantity and mix of direct attack short-range and stand-off weapons.

FY20-FY23 costs growth on this program are due to contract termination with the OEM and working to recover the program through organic efforts. Procurement funds will be utilized to continue working the ARTS Recovery Strategy efforts, fund remaining ARTS Test Program Set (TPS), to implement station baseline configuration, establish an ICS contract, replace OEM's proprietary RF component in all stations, complete TPS Development and perform regression testing for delivered Test Program Sets and other associated costs with the B-1 ARTS program.

- Subsumes the following existing WML programs:
 Joint Services Electronic Combat Systems Tester (JSECST) (AN/USM-670)
 . Electronic Warfare (EW) Chaff/Flare
 . Countermeasures Test Set (CTS) (AN/USM-464A)
 . B-1B Enhanced Automated Special Test Equipment (B-1B EASTE)

Secondary Distribution		FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	6.517	6.866	3.033	-	3.033
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	6.517	6.866	3.033	-	3.033

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** Aerial Stores Lift Trucks

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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 - Hardware End Item Cost																				
MJ-1C	A		-	-	-	-	-	-	0.150	94	14.070	0.161	62	10.000	-	-	-	0.161	62	10.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-		61	9.107		62	10.000		-	-		62	10.000
AFNG			-	-	-	-	-	-		31	4.598		-	-		-	-		-	-
AFR			-	-	-	-	-	-		2	0.365		-	-		-	-		-	-
MHU-83	A		-	-	-	-	-	12.927	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	8.138		-	0.000		-	-		-	-		-	-
AFNG			-	-	-	-	-	3.187		-	0.000		-	-		-	-		-	-
AFR			-	-	-	-	-	1.602		-	0.000		-	-		-	-		-	-
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	12.927	-	-	14.070	-	-	10.000	-	-	-	-	-	10.000
Support - Support End Item Cost																				
PMA Other Government Charges	A		-	-	-	-	-	0.100	-	-	0.015	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.100		-	0.015		-	-		-	-		-	-
PMA: Other Contractor Services	A		-	-	-	-	-	1.384	-	-	0.412	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	1.384		-	0.412		-	-		-	-		-	-
Subtotal: Support - Support End Item Cost			-	-	-	-	-	1.484	-	-	0.427	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	14.411	-	-	14.497	-	-	10.000	-	-	-	-	-	10.000

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

Remarks:

Prior to FY 2023, Support End Item Costs were included in the program hardware funding. The FY 2023 PMA Other Government Cost funding may also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** Aircraft Maintenance Secondary Power

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Support - Support End Item Cost																				
PMA Other GovernmentCosts	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Support - Support End Item Cost			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hardware - Hardware End Item Cost																				
Secondary Power Unit	A		-	-	-	-	-	0.000	0.160	57	9.116	0.173	59	10.200	-	-	-	0.173	59	10.200
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	57	9.116	-	59	10.200	-	-	-	-	59	10.200
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	0.000	-	-	9.116	-	-	10.200	-	-	-	-	-	10.200
Total			-	-	-	-	-	0.000	-	-	9.116	-	-	10.200	-	-	-	-	-	10.200

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

Remarks:

FY23 funding increased by \$9.116M to purchase aircraft maintenance secondary power for pacific theater.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** Aircraft Maintenance Testers

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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 - Hardware End Item Cost																				
Testers: Avionics, Radar, Radio	A		-	-	-	-	-	5.230	0.024	209	4.990	0.024	149	3.540	-	-	-	0.024	149	3.540
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	3.398		100	2.811		51	1.482		-	-		51	1.482
AFNG			-	-	-	-	-	1.219		70	1.401		63	1.320		-	-		63	1.320
AFR			-	-	-	-	-	0.613		39	0.778		35	0.738		-	-		35	0.738
Optical Devices	A		-	-	-	-	-	5.230	0.024	228	5.500	0.024	149	3.540	-	-	-	0.024	149	3.540
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	3.398		119	3.321		51	1.482		-	-		51	1.482
AFNG			-	-	-	-	-	1.219		70	1.401		63	1.320		-	-		63	1.320
AFR			-	-	-	-	-	0.613		39	0.778		35	0.738		-	-		35	0.738
Misc Electronic Devices	A		-	-	-	-	-	5.230	0.024	228	5.500	0.024	149	3.540	-	-	-	0.024	149	3.540
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	3.398		119	3.321		51	1.482		-	-		51	1.482
AFNG			-	-	-	-	-	1.219		70	1.401		63	1.320		-	-		63	1.320
AFR			-	-	-	-	-	0.613		39	0.778		35	0.738		-	-		35	0.738
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	15.690	-	-	15.990	-	-	10.620	-	-	-	-	-	10.620
Support - Support End Item Cost																				
PMA: Other Contractor Services	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000		-	0.000		-	-		-	-		-	-
PMA: Other Government Charges	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000		-	0.000		-	-		-	-		-	-
Subtotal: Support - Support End Item Cost			-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	15.690	-	-	15.990	-	-	10.620	-	-	-	-	-	10.620

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

Remarks:

Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F / 07 / 1

P-1 Line Item Number / Title:
000071 / Aircraft Replacement Support Equip

Aggregated Items Title:
Aircraft Maintenance Testers

FY23 funding increased to purchase additional aircraft maintenance testers for the Pacific theater.

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Exhibit P-3a, Individual Modification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Modification Number / Title: 1 / MHU-196/204 SLEP

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	59.935	15.267	1.721	17.513	0.000	17.513	29.462	37.518	38.331	0.000	-	199.747
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	59.935	15.267	1.721	17.513	0.000	17.513	29.462	37.518	38.331	0.000	-	199.747
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	59.935	15.267	1.721	17.513	0.000	17.513	29.462	37.518	38.331	0.000	-	199.747

(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 legacy munitions handling units (MHU) program consists of the MHU-196/M and MHU-204/M. These MHUs are unsustainable due to parts obsolescence and are experiencing uncommand responses due to antiquated electronic and hydraulic systems as identified in the requirements documents (AF FORM 1067, modification proposals, AFGSC 18-090 and AFGSC 18-090). These MHUs will be replaced by the modified MHU-196B/M and MHU-204B/M units. This program will extend the service life by assessing the structural integrity and repairing the legacy control and power system. OO-ALC, is/may be expanding their facility production and investing in additional space, support equipment and manpower as part of modification facility activation. This modification also alleviates part obsolescence and addresses diminishing manufacturing sources. Total non-recurring cost are for the depot activation: facilities, support equipment, and other support as required. The munitions lift trailers have met and exceeded the original service life of 20 years, and this effort is to provide an additional 20 years of service.

To support modification effort, PMA funding may be used for A&AS support, tech data validation/verification and program travel requirements. Group A kits are not required; all components parts are/will be stock listed, either by the Program Management Office, Defense Logistics Agency (DLA) and/or the Air Force Sustainment Center (AFSC). Assets are used in support of nuclear and conventional operations. Air Force Global Strike Command (AFGSC) requested a production time line of 8 years. In order to meet this, additional funding is required for depot activation.

PMA Justification: The program team will use PMA to allow the USAF program office to assist in planning support needed to produce and install the modification, oversee the modification, evaluate engineering change proposals and help resolve technical issues. PMA will also support program mgt reviews (PMRs) to discuss production schedules, as well as current programmatic /technical issues and impacts to the program.

Impact if PMA not funded: Increases programmatic risk to the USAF program office by not being able to provide program support to resolve cost, schedule or technical issues in a timely manner that could result in delays. Degradation of the modification program will directly affect operational safety, suitability and effectiveness of transporting and handling conventional and nuclear munitions. This affects the support of strategic, long range bombing throughout the world.

Group B Non-recurring includes the Depot activation Costs for FY14-23. A larger facility (Bldg. 850) is required to accommodate the production required to satisfy AFGSC time line requirement of an 8 year program. It also includes the contract issues by the depot production process and technical documentation requirements.

Group B kits represent MHU inducted by the depot for SLEP.

Group A kits are not required; all components parts are/will be stock listed, either by the Program Management Office, Defense Logistics Agency (DLA) and/or the Air Force Sustainment Center (AFSC).

Total Non-recurring cost are for the depot activation: facilities, support equipment, and other support as required.

Impact if not funded: The program would cease to exist. Alternate sources for production would need to be acquired which will delay any SLEP production for at least 12-18 months.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Modification Number / Title: 1 / MHU-196/204 SLEP
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Other Government Cost includes: Testing required for Nuclear Certification and unknown miscellaneous support/expenses associated with the Nuclear Certification.

Impact if Other Government Cost not funded: Since the MLT/MHU(Munitions Lift Trailer/Munitions Handling Unit) is required to be nuclear certified, the lack of funding would gravely degraded the capability of the MHU mission because MHU production could not be fielded without nuclear certification.

Milestone/Development Status

Studies have been accomplished providing necessary technical data to extend the service life of the fleet to meet mission needs. These studies addressed obsolescence and component level repair and sustainment issues.

The depot has disassembled/reassembled two legacy trailer, allowing them to create the production control documents and processes required to produce the final SLEP trailers.

	Secondary Distribution	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	15.267	1.721	17.513	-	17.513	29.462	37.518	38.331	-
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	15.267	1.721	17.513	0.000	17.513	29.462	37.518	38.331	0.000

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Exhibit P-3a, Individual Modification: PB 2024 Air Force										Date: March 2023		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1				P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip						Modification Number / Title: 1 / MHU-196/204 SLEP		
ID Code (A=Service Ready, B=Not Service Ready) : B							MDAP/MAIS Code:					
Models of Systems Affected: MHU-196, 204				Modification Type: Service Life Extension				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
<i>Modification Item 1 of 1:</i> Hardware MLT Mod Kit												
B Kits												
Recurring												
Hardware MLT Mod Kit:EQUIPMENT Group B (Active)	9 / 18.432	11 / 15.100	8 / 1.600	117 / 17.368	- / -	117 / 17.368	- / 29.362	- / 37.418	- / 38.231	- / -	- / -	145 / 157.511
<i>Subtotal: Recurring</i>	- / 18.432	- / 15.100	- / 1.600	- / 17.368	- / -	- / 17.368	- / 29.362	- / 37.418	- / 38.231	- / -	- / -	- / 157.511
<i>Subtotal: Hardware MLT Mod Kit</i>	- / 18.432	- / 15.100	- / 1.600	- / 17.368	- / -	- / 17.368	- / 29.362	- / 37.418	- / 38.231	- / -	- / -	- / 157.511
<i>Subtotal: Procurement, All Modification Items</i>	- / 18.432	- / 15.100	- / 1.600	- / 17.368	- / -	- / 17.368	- / 29.362	- / 37.418	- / 38.231	- / -	- / -	- / 157.511
Support (All Modification Items)												
GROUP A: TOTAL NONRECURRING	- / 17.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.573
GROUP B: TOTAL NONRECURRING	- / 28.435	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.435
SUPPORT-EQUIP	- / 12.724	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.724
PMA - Other Gov't Costs	- / 0.984	- / 0.115	- / 0.072	- / 0.083	- / -	- / 0.083	- / 0.072	- / 0.062	- / 0.076	- / -	- / -	- / 1.464
OTHER GOVT	- / 1.787	- / 0.052	- / 0.049	- / 0.062	- / -	- / 0.062	- / 0.028	- / 0.038	- / 0.024	- / -	- / -	- / 2.040
<i>Subtotal: Support</i>	- / 41.503	- / 0.167	- / 0.121	- / 0.145	- / -	- / 0.145	- / 0.100	- / 0.100	- / 0.100	- / -	- / -	- / 42.236
Installation												
<i>Modification Item 1 of 1:</i> Hardware MLT Mod Kit	9 / 0.000	17 / 0.000	11 / 0.000	8 / 0.000	- / -	8 / 0.000	- / -	- / -	- / -	- / -	- / -	45 / 0.000
<i>Subtotal: Installation</i>	9 / 0.000	17 / -	11 / -	8 / -	- / -	8 / -	- / -	- / -	- / -	- / -	- / -	45 / 0.000
Total												
Total Cost (Procurement + Support + Installation)	59.935	15.267	1.721	17.513	0.000	17.513	29.462	37.518	38.331	0.000	-	199.747

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Exhibit P-3a, Individual Modification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Modification Number / Title: 1 / MHU-196/204 SLEP

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Modification Item 1 of 1: Hardware MLT Mod Kit

Manufacturer Information

Manufacturer Name: Depot/ALC	Manufacturer Location: Hill AFB, Utah
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 4

Dates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Contract Dates	Apr 2022	Apr 2023	Apr 2024				
Delivery Dates	Aug 2022	Aug 2023	Aug 2024				

Installation Information

Method of Implementation: Depot

Installation Cost	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.000
FY 2022	- / -	17 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 0.000
FY 2023	- / -	- / -	11 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.000
FY 2024	- / -	- / -	- / -	8 / 0.000	- / -	8 / 0.000	- / -	- / -	- / -	- / -	- / -	8 / 0.000
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	9 / 0.000	17 / 0.000	11 / 0.000	8 / 0.000	- / -	8 / 0.000	- / -	- / -	- / -	- / -	- / -	45 / 0.000

Installation Schedule

	PYS	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				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	4	4	5	4	5	8	6	6	6	6	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	79
Out	4	3	2	3	5	4	4	8	6	8	4	8	6	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	79

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** Ammunition Loading Equipment

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Support - Support End Item Cost																				
PMA, Data rights	A		-	-	-	-	-	-	15.207	1	15.207	-	-	0.035	-	-	-	-	-	0.035
<i>Secondary Distribution</i>																				
AF				-	-		-	-		1	15.207		-	0.035		-	-		-	0.035
Subtotal: Support - Support End Item Cost			-	-	-	-	-	-	-	-	15.207	-	-	0.035	-	-	-	-	-	0.035
Hardware - Ammo Loaders																				
Ammo Loaders	A		-	-	-	0.769	13	10.001	1.224	8	9.792	0.222	106	23.533	-	-	-	0.222	106	23.533
<i>Secondary Distribution</i>																				
AF				-	-		10	7.434		5	6.132		98	21.317		-	-		98	21.317
AFNG				-	-		2	1.707		2	2.440		1	1.285		-	-		1	1.285
AFR				-	-		1	0.860		1	1.220		7	0.931		-	-		7	0.931
European Defense Initiative (EDI)	A		-	-	-	-	-	-	1.220	3	3.660	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		3	3.660		-	-		-	-		-	-
Subtotal: Hardware - Ammo Loaders			-	-	-	-	-	10.001	-	-	13.452	-	-	23.533	-	-	-	-	-	23.533
Total			-	-	-	-	-	10.001	-	-	28.659	-	-	23.568	-	-	-	-	-	23.568

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

Remarks:
 Funding increased by 17.7M to purchase ammunition loading equipment for European theater.
 In FY 2023, European Defense Initiative (EDI) moved from Overseas Contingency Operations (OCO) funds to Baseline funds.
 Prior to FY 2023, PMA Other Government Cost activities were included in the program hardware funding. The FY 2023 PMA Other Government Cost funding may also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.
 Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.
 In FY 2024, EDI requirements have not yet been identified.
 At least 8 different major NSN/components are tracked for procurement and each command (Active, Guard, Reserve) require different number of the different major NSN/components. Thus, the unit cost is a weighted average of the various units for the FY.
 The 15M data rights cost budgeted in FY23 software is required to facilitate FYDP purchases at controlled unit prices for one of the major NSN/components.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** ATS - Base Maint & Spt Eq

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Base Maintenance and Support Equipment																				
Avionics	A		-	-	-	-	-	-	-	-	0.000	1.000	1	1.000	-	-	-	1.000	1	1.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000		1	1.000		-	-		1	1.000
Software Loader/ Verifier and Built-in-Test ATS	A		-	-	-	-	-	-	-	-	0.000	1.000	1	1.000	-	-	-	1.000	1	1.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000		1	1.000		-	-		1	1.000
Radar and Identification Friend or Foe ATS	A		-	-	-	-	-	-	-	-	0.000	1.000	1	1.000	-	-	-	1.000	1	1.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000		1	1.000		-	-		1	1.000
Cyber Security/ Support	A		-	-	-	-	-	-	-	-	0.000	0.471	1	0.471	-	-	-	0.471	1	0.471
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000		1	0.471		-	-		1	0.471
Armament and Stores ATS	A		-	-	-	-	-	-	-	-	0.000	2.935	1	2.935	-	-	-	2.935	1	2.935
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000		1	2.935		-	-		1	2.935
Electronic Warfare ATS	A		-	-	-	-	-	-	-	-	-	1.000	1	1.000	-	-	-	1.000	1	1.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-		1	1.000		-	-		1	1.000
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.000	0.200	1	0.200	-	-	-	0.200	1	0.200
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000		1	0.200		-	-		1	0.200
Specialized ATS	A		-	-	-	-	-	-	-	-	-	1.000	1	1.000	-	-	-	1.000	1	1.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-		1	1.000		-	-		1	1.000
Subtotal: Base Maintenance and Support Equipment			-	-	-	-	-	-	-	-	0.000	-	-	8.606	-	-	-	-	-	8.606
Total			-	-	-	-	-	-	-	-	0.000	-	-	8.606	-	-	-	-	-	8.606

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

Remarks:
Funding moved here from P-40a Items less than 5 million dollars

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force	Date: March 2023
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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Aggregated Items Title: ATS - Base Maint & Spt Eq
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ATS - Base Maintenance and Support Equipment (ATS)

ATS - Base Maintenance and Support Equipment procurement dollars will be used in support of the purchase/upgrades of Armament Test Sets, purchase of Common Cargo ATS, hardware, TPS and other support to ensure cyber secure Automatic Test Systems and costs associated with Common items (used on more than one weapon system) and peculiar items (unique to one weapon system) automated test equipment for the Automatic Test Systems Division. The ATS Product Group which consists of: Armament and Stores ATS, Electronic Warfare ATS, Software Loader/Verifier and Built-in-Test ATS, Radar and Identification Friend or Foe ATS, Specialized ATS to accelerate replacing and fielding cyber-resilient, nuclear-certified ATS supporting USAF Armament, Bomber, Fighter/Advance Aircraft, Mobility, Training, ISR & SOF, Presidential & Executive Airlift ATS. These replacement items ensure continuation of serviceable equipment over the life of a weapon system. Items for procurement include, but are not limited to, test adapter kits, transponder test sets, Portable Automatic Test Sets, Radar Signal Simulators (RSS), logistics under attack cyber efforts, digital test stations, automated wire test sets, propulsion automatic test equipment, automatic test equipment calibration, smart weapons test sets, optical and ancillary testers, Commercial Off the Shelf (COTS) Automatic Test Equipment (ATE).

PMA Other Government Costs applies to travel in relation to multiple platforms to include, but are not limited to F-16, B-52, B-1, B-2, F-15, A-10, cyber support, and other government costs in support of Automatic Test Systems programs and the Automatic Test System program office. Programs include, but are not limited to, ATS Standardization, Portable Automatic Test Sets (PATS), Identification Friend or Foe-Radar Test Set (IFF-RTS), Electrical Electronics Equipment Test Station (EEETS), Common Organizational Level Tester (COLT), Armament Test Sets (ATS), Automated Wiring Test Set (AWTS), Electronic Warfare (EW) Chaff/Flare, Radar Signal Simulator (RSS)(AN/PLM-4), Radio Frequency Transmission Line Test Set (RFTLTS), Benchtop Reprogrammable Test System (BRAT), Helmet Cueing System Automatic Test Equipment (HCS-ATE) Commercial Off the Shelf (COTS) Automatic Test Equipment (ATE).

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Aggregated Items Title: ATS TMDE-Electronic
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
TMDE-COTS ATE																				
TMDE	A		-	-	-	-	-	11.380	-	-	3.447	-	-	1.455	-	-	-	-	-	1.455
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
AFNG			-	-	-	-	-	6.828	-	-	2.068	-	-	0.873	-	-	-	-	-	0.873
AFR			-	-	-	-	-	4.552	-	-	1.379	-	-	0.582	-	-	-	-	-	0.582
Subtotal: TMDE-COTS ATE			-	-	-	-	-	11.380	-	-	3.447	-	-	1.455	-	-	-	-	-	1.455
Total			-	-	-	-	-	11.380	-	-	3.447	-	-	1.455	-	-	-	-	-	1.455

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

Remarks:

Funding moved here from P-40a Items less than 5 million dollars

Commercial Off The Shelf Automatic Test Equipment (COTS ATE) TMDE supports 5 programs : TMDE Analyzer, TMDE Calibrators, TMDE Generic, TMDE Meters, and TMDE Test Sets and is in the Specialized Automatic Test Systems capability bucket.

The Specialized ATS maximizes warfighter core capabilities across spectrum of DoD weapon systems; accelerates developing, modifying, fielding and supporting cyber-resilient, nuclear-certified ATS; and modernizes ATS driving to common solution

Items that are made up of generic Commercial Off the Shelf Automatic Test Equipment (COTS-ATE). These items range from man portable/bench-top equipment which provide measurement capabilities to instruments that check measures against an accurate standard to determine any deviation. Items include length gauges, depth gauges, bore gauges, calipers, chemical composition devices, and other devices

Various devices designed to measure time, distance, speed, or intensity or indicate and record or regulate the amount or volume, as of the flow of a gas, resistance, power, mechanical properties, conductivity, material composition, optical investigation or an electric current such as flow meters, microscopes, current meters, voltage meters, ohm meters, bridges, non-destructive testing and others.

TMDE analyzers are devices that investigate the physical or electrical factors of an item under test. The major types of analyzers are bus, logic, network, spectrum and vector signal. Program provides for replacement buys, organic including inter-service and contract repair for all Department of Defense military branches, Foreign Military Sales (FMS) and other agencies.

Instruments designed for a specific type of measurement to validate the performance of radios, RADAR, navigation, avionics, telephone, data, circuit cards and other items that have multiple parameters that must be verified to ensure optimum performance and mission accomplishment which may be computer controlled or may be manually operated.

Funds will be utilized to procure common automatic test/support equipment items, Program Management Administration (PMA), and other government associated costs in support of installation and unit mission requirements for Air Force personnel.

Specialized ATE includes but are not limited to the following existing WML programs:

- . Common Cargo ATS
- . Automated Wiring Test Set (AWTS)
- . A-10/ Mature and Proven Aircraft (MAPA) Test Equipment
- . B-1B Organizational Level Testers
- . B-1B Oil Cooling Cart
- . F-15 Suitcase Testers
- . Commercial-Off-The-Shelf Automatic Test Equipment/TMDE
- . Depot Hydraulic/Pneudraulics/Pneumatic Test Sets
- . Portable Automatic Test Equipment Calibrator
- . Helmet Cueing System ATE

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Aggregated Items Title: ATS TMDE-Electronic
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Exhibit P-5, Cost Analysis: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Item Number / Title [DODIC]: Bomber Armament Tester

ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:			
Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	
Procurement Quantity (Units in Each)	-	-	-	-	-	-	
Gross/Weapon System Cost (\$ in Millions)	-	-	-	-	-	-	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	
Net Procurement (P-1) (\$ in Millions)	-	-	-	-	-	-	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	
Total Obligation Authority (\$ in Millions)	-	-	-	-	-	-	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>							
Initial Spares (\$ in Millions)	-	2.999	1.290	-	-	-	
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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 - BOMBER ARMAMENT TESTER (BAT) Cost																		
Recurring Cost																		
BAT Production	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Hardware - BOMBER ARMAMENT TESTER (BAT) Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Support - BOMBER ARMAMENT TESTER (BAT) Cost																		
PMA Other govt cost	-	-	-	14.711	1	14.711	6.972	1	6.972	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Support - BOMBER ARMAMENT TESTER (BAT) Cost</i>	-	-	-	-	-	14.711	-	-	6.972	-	-	0.000	-	-	-	-	-	0.000
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:

The Bomber Armament Tester (BAT) is the Armament and Stores Automatic Test Systems capability bucket. Remaining funds needed to complete contract closeout, evaluation of property, software, etc. for the Bomber Armament Tester (BAT) program, to procure equipment items for programs within the A&S ATS capability bucket, Program Management Administration (PMA), and other government associated costs in support of installation and unit mission requirements for Air Force personnel. PMA may includes studies to support obsolete/DMSMS for existing B-52 and B-2 testers long-term.

The Armament & Stores ATS maximize warfighter core capabilities across the spectrum of DoD weapon systems; accelerates developing, modifying, fielding and supporting cyber-resilient, nuclear-certified ATS; and modernizes ATS driving to common solution.

Program Name: Armament and Stores Automatic Test Systems

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Exhibit P-5, Cost Analysis: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Item Number / Title [DODIC]: Bomber Armament Tester
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

- Subsumes the following existing WML programs:
- . Common Organizational Level Tester (COLT)
 - . Cruise Missile Automatic Test Systems (CM-ATS)
 - . F-15 Armament Testers (Stores Management Test Set)
 - . F-16 Stores System Tester (SST)
 - . F-16 Armament Circuits Preload Test Set (ACPTS)
 - . B-52 Multi-User System Tester Next Generation (B-52 MUSTANG) (A/E 24 T-248)
 - . F-15 Aircraft Pod Interface Test Set (APITS)

Secondary Distribution		FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	14.711	6.972	0.000	-	0.000
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1							P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip								Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
SUPPORT EQUIPMENT AND VEHICLES (SEV)																				
FAST CHARACTERIZATION TOOL (FACT) 4920015711970RN (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FAST CHARACTERIZATION TOOL (FACT) 4920015654320RN (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLIGHT LINE GENERATORS (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-1 MAINTENANCE STANDS 1730015544187RN (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-4 MAINTENANCE STANDS 1730015554366RN (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A/M24T-16 LOAD BANK (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISCELLANEOUS AGE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PMA CONTRACTOR SERVICES	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PMA OTHER GOVERNMENT COSTS (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ADVANCED CONTROL TESTER (ACT) (SEV)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RQ-4 Polyalphaolefin (PAO) cooling cart	A		-	-	-	-	-	-	-	-	5.053	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	5.053	-	-	-	-	-	-	-	-	-
Subtotal: SUPPORT EQUIPMENT AND VEHICLES (SEV)			-	-	-	-	-	-	-	-	5.053	-	-	-	-	-	-	-	-	-
AIR FORCE SUSTAINMENT CENTER (OC-ALC)																				
FSC 1660 AIRCRAFT AIR CONDITIONING, HEAT AND PRESSURIZING EQUIPMENT (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1						P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip						Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 3940 BLOCK, TACKLE, RIGGING, SLING (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 3990 MISCELLANEOUS MATERIALS HANDLING EQUIPMENT (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 4935 GUIDED MISSILE MAINTENANCE, REP, AND CHECKOUT SPECIALIZED EQUIPMENT (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 5120 HAND TOOLS, NON-EDGED, NON-POWERED (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 5130 HAND TOOLS, POWER DRIVE (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 5180 SPECIALIZED EQUIPMENTS, KITS, OUTFITS/HAND TOOLS (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 6625 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING, TEST INSTRUMENTS (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FSC 6635 PHYSICAL PROPERTIES TESTING AND INSPECTION EQUIPMENT (OC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: AIR FORCE SUSTAINMENT CENTER (OC-ALC)			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1						P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip						Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
OTHER																				
F-16 SQUADRON	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C-130 MSN Ready Ops	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rivot Joint Mods	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
Subtotal: OTHER			-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	-	-	-	5.053	-	-	-	-	-	-	-	-	

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

Remarks:
 FEDERAL STOCK CLASS (FSC)

 Support Equipment and Vehicles (SE&V)
 'Fast Characterization Tool (FACT) 4920015711970RN' falls within the AIRCRAFT MAINTENANCE TESTERS Program

 'B-1 Maintenance Stands 1730015544187RN' and 'B-4 Maintenance Stands 1730015554366RN' both fall within the AIRCRAFT MAINTENANCE STANDS Program.

 'A/M24T-16 Load Bank' falls within the SECONDARY POWER Program.

 'Advanced Control Tester (ACT)(SEV)' falls within the AIRCRAFT ENGINE TEST EQUIPMENT Program.

 'Miscellaneous AGE' falls within the MISC AEROSPACE GROUND EQUIP (AGE) Program

 PMA OTHER GOVERNMENT COSTS: This line supports the operation of the program office in its management and oversight role via travel, procurement of supplies, studies and Advisory and Administrative Services (A&AS).

 FY20 SE&V procurement dollars support the European Contingency Air Operations System (ECAOS)/Deployable Air Base System (DABS) - Facilities, Equipment, and Vehicles (FEV).

 Capabilities procure a multitude of related items with different unit costs.

 Funds for FY20 were moved to the new P-40a's for system being acquired.

 Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

 FY23 funds will be used to procure PAO cart for Multi-Platform Radar Technology Insertion Program (PM-RTIP) on RQ-4 B40

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** Flight Line Generators

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Support - Support End Item Cost																				
PMA Other Government Costs	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support End Item Cost			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - Hardware End Item Cost																				
Large & Small Flightline Generator	A		-	-	-	-	-	3.102	1.857	6	11.145	0.129	297	38.256	-	-	-	0.129	297	38.256
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	3.102		6	11.145		202	24.764		-	-		202	24.764
AFNG			-	-	-	-	-	0.000		-	0.000		61	8.652		-	-		61	8.652
AFR			-	-	-	-	-	0.000		-	0.000		34	4.840		-	-		34	4.840
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	3.102	-	-	11.145	-	-	38.256	-	-	-	-	-	38.256
Total			-	-	-	-	-	3.102	-	-	11.145	-	-	38.256	-	-	-	-	-	38.256

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

Remarks:

In FY 2023, European Defense Initiative (EDI) moved from Overseas Contingency Operations (OCO) funds to Baseline funds.

Prior to FY 2023, PMA Other Government Cost activities were included in the program hardware funding. The FY 2023 PMA Other Government Cost funding may also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

FY23 funding increased to purchase flightline generators for the pacific theater.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Aggregated Items Title: FLIGHTLINE COMPRESSORS
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
End Item																				
Small Compressor	A		-	-	-	-	-	-	-	-	-	-	-	0.842	-	-	-	-	-	0.842
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	0.842	-	-	-	-	-	0.842
Subtotal: End Item			-	-	-	-	-	-	-	-	-	-	-	0.842	-	-	-	-	-	0.842
Total			-	-	-	-	-	-	-	-	-	-	-	0.842	-	-	-	-	-	0.842

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

Remarks:

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

No FY23 funding requested.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1							P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip								Aggregated Items Title: Flightline Heating, Ventilating, Air Conditioning				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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 - Hardware End Item Cost																				
Large & Small Flightline HVAC	A		-	-	-	-	-	22.329	0.216	73	15.772	0.269	82	22.018	-	-	-	0.269	82	22.018
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	15.047		31	9.375		40	10.616		-	-		40	10.616
AFNG			-	-	-	-	-	4.846		13	3.428		27	7.313		-	-		27	7.313
AFR			-	-	-	-	-	2.436		29	2.969		15	4.089		-	-		15	4.089
Large & Small Flightline HVAC (EDI/ ECAOS)	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000		-	0.000		-	-		-	-		-	-
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	22.329	-	-	15.772	-	-	22.018	-	-	-	-	-	22.018
Support - Support End Item Cost																				
PMA: Other Government Charges	A		-	-	-	-	-	0.000	-	-	0.010	-	-	0.010	-	-	-	-	-	0.010
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000		-	0.010		-	0.010		-	-		-	0.010
PMA: Other Contractor Services	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000		-	0.000		-	-		-	-		-	-
Subtotal: Support - Support End Item Cost			-	-	-	-	-	0.000	-	-	0.010	-	-	0.010	-	-	-	-	-	0.010
Total			-	-	-	-	-	22.329	-	-	15.782	-	-	22.028	-	-	-	-	-	22.028

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

Remarks:

Prior to FY 2023, Support End Item Cost activities were included in the Hardware End Item funding. The FY 2023 PMA Other Government Cost funding may also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 000071 / Aircraft Replacement Support Equip **Aggregated Items Title:** Hydraulic Servicing Equipment

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Support - Support End Item Cost																				
PMA Other Government Costs	A		-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	
Subtotal: Support - Support End Item Cost			-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	
Hardware - Hardware End Item Cost																				
UNIVERSAL TRIPLE HYDRAULIC TEST STAND (3 SYS) (DIESEL)	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
UNIVERSAL TRIPLE HYDRAULIC TEST STAND (3 SYS) (ELECTRIC)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNIVERSAL HYDRAULIC TEST STAND (2 SYS) (DIESEL)	A		-	-	-	-	-	5.797	0.147	52	7.650	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	3.590	-	38	4.864	-	-	-	-	-	-	-	-	
AFNG			-	-	-	-	-	1.447	-	8	1.775	-	-	-	-	-	-	-	-	
AFR			-	-	-	-	-	0.760	-	6	1.011	-	-	-	-	-	-	-	-	
UNIVERSAL HYDRAULIC TEST STAND (2 SYS) (ELECTRIC)	A		-	-	-	-	-	0.000	-	-	0.000	0.306	10	3.057	-	-	-	0.306	10	3.057
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	0.000	-	10	3.057	-	-	-	-	10	3.057
European Defense Initiative (EDI)	A		-	-	-	-	-	0.000	0.204	10	2.038	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	10	2.038	-	-	-	-	-	-	-	-	
Subtotal: Hardware - Hardware End Item Cost			-	-	-	-	-	5.797	-	-	9.688	-	-	3.057	-	-	-	-	-	3.057
Total			-	-	-	-	-	5.797	-	-	9.688	-	-	3.057	-	-	-	-	-	3.057

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

Remarks:
In FY 2023, European Defense Initiative (EDI) moved from Overseas Contingency Operations (OCO) funds to Baseline funds.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Aggregated Items Title: Hydraulic Servicing Equipment

Prior to FY 2023, PMA Other Government Cost activities were included in the program hardware funding. The FY 2023 PMA Other Government Cost funding may also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Aircraft Replacement Support Equipment is centrally managed as a common platform and PMA costs are shared.

This capability procures a multitude of related items with different unit costs.

Exact quantities may vary based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1										P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip					Aggregated Items Title: JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Joint Service Electronic Combat Systems Tester (JSECST)																				
Joint Service Electronic Combat Systems Tester (JSECST)	A		-	-	-	0.470	4	1.880	-	-	1.618	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		4	1.880		-	1.618		-	-		-	-		-	-
AFNG				-	-		-	0.000		-	0.000		-	-		-	-		-	-
PMA Other Government Costs	A		-	-	-	-	-	0.025	-	-	0.243	0.500	1	0.500	-	-	-	0.500	1	0.500
<i>Secondary Distribution</i>																				
AF				-	-		-	0.025		-	0.243		1	0.500		-	-		1	0.500
PMA Other Government Support	A		-	-	-	-	-	0.302	-	-	0.350	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	0.302		-	0.350		-	-		-	-		-	-
Kit Installations	A		-	-	-	0.004	75	0.300	-	-	0.000	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		75	0.300		-	0.000		-	-		-	-		-	-
Subtotal: Joint Service Electronic Combat Systems Tester (JSECST)			-	-	-	-	-	2.507	-	-	2.211	-	-	0.500	-	-	-	-	-	0.500
Total			-	-	-	-	-	2.507	-	-	2.211	-	-	0.500	-	-	-	-	-	0.500

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

Remarks:
 FY23-24 funds required for the Joint Service Electronic Combat Systems Tester (JSECST) falls under the Electronic Warfare (EW) ATS capability bucket. The EW ATS maximizes warfighter core capabilities across the spectrum of DoD weapon systems; accelerates developing, modifying, fielding and supporting cyber-resilient, nuclear-certified ATS; and modernizes ATS driving to common solution.

Funds will be utilized for necessary travel, Program Management Administration (PMA), and other government associated costs in support of installation and unit mission requirements for the Joint Service Electronic Combat System Tester (JSECST) and for kits install and other testers within the EW ATS capability bucket. EW ATS must be modernized to be relevant in contested environment and support Persistent Logistics/Agile Combat Employment.

EW ATS consists include:
 .Joint Services Electronic Combat Systems Tester (JSECST) (AN/USM-670)
 . Electronic Warfare (EW) Chaff/Flare
 . Countermeasures Test Set (CTS) (AN/USM-464A)
 . B-1B Enhanced Automated Special Test Equipment (B-1B EASTE)

JSECST provides an organizational level (O-level) flight line capability for verifying the operational status of aircraft installed Electronic Combat (EC) systems including their associated installed antennas, transmission lines, radomes, cockpit displays, controls and EC suite communication buses. It also provides EC system malfunction diagnostics. The JSECST provides end-to-end (ETE) functional testing to determine the status of EC system installed in or on operational aircraft. It automatically determines the go/no-go status of the EC system with minimal technician interaction. In cases where the EC system has a critical fault, the JSECST detects the critical failure, identifies the ETE test that failed, and provides the diagnostics to isolate the failed aircraft transmission line path/component or line replaceable unit (LRU). The JSECST can be operated in automatic or manual mode to provide identification and isolation of failed EC systems. This equipment support

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 000071 / Aircraft Replacement Support Equip	Aggregated Items Title: JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)

Air Force weapon systems A-10, F-15, and F-16 aircraft. Failure to procure this item would compromise the safety of more than 53 units supporting A-10s, CV-22, F-15s, and F-16s. The JSECST is a defensive system tester, equipping the warfighter with safe and fully functional electronic combat systems.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

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

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	1.651	1.802	1.838	-	1.838	1.881	1.914	0.000	0.000	-	9.086
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	1.651	1.802	1.838	-	1.838	1.881	1.914	0.000	0.000	-	9.086
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	1.651	1.802	1.838	-	1.838	1.881	1.914	0.000	0.000	-	9.086

(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 Interim Contractor Support (ICS) in P-1 line 70 provides maintenance and repair capability for depot-level repairs for the Common VLF/LV Receiver (CVR) Increment 1, to meet Air Force Global Strike Command (AFGSC) operational requirements for the B-2 weapon system. The ICS program is an on-condition and limited overhaul repair capability repairing Line Replaceable Units (LRUs) and Shop Replaceable Units (SRUs) associated with CVR Increment 1. ICS also provides travel support and interim repair to new or modified components stemming from the B-2 CVR Increment 1 program until a permanent source of repair has been achieved either organically or through Contractor Depot Maintenance (CDM).

Justification:

ICS will continue to provide interim maintenance and repair capability to B-2 CVR Increment 1 LRUs/SRUs until either an organic repair capability or contractor repair capability is established.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: B002B0 / B-2B
---	---

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	39.929	36.325	15.207	-	15.207	15.680	15.996	16.825	17.175	-	157.137
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	39.929	36.325	15.207	-	15.207	15.680	15.996	16.825	17.175	-	157.137
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	39.929	36.325	15.207	-	15.207	15.680	15.996	16.825	17.175	-	157.137

(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:

Interim Contractor Support (ICS) provides maintenance, and repair capability for depot-level repairs to meet Air Force Global Strike Command (AFGSC) operational requirements for the B-2 weapon system. The ICS program is an on-condition and limited overhaul repair capability repairing Line Replaceable Units (LRUs) and Shop Replaceable Units (SRUs) associated with airframe structures, hydro-mechanical components, and avionics components until permanent depot repair capability is established. ICS also provides travel support and interim repair to alternate mission equipment and new or modified components stemming from B-2 aircraft modification programs until a permanent source of repair has been achieved either organically or through Contractor Depot Maintenance (CDM).

Weapon System Support Center (WSSC) provides procurement, replacement, upgrade, test, integration, and shipment of B-2 peculiar support equipment (PSE) and Special Test Equipment (STE) capabilities, associated sub-components, and software development equipment and architecture required for B-2 software development and sustainment activities in support of of AFGSC operational support facilities, Aircraft Program Depot Maintenance, and Test Ranges. The B-2 WSSC is a one of a kind facility that develops, maintains, sustains, integrates, tests and certifies the B-2 Spirit Software. The B-2 WSSC combines Flight Controls, Radar, Weapons, Navigation, Traffic Control, Communications, Displays, Flight Management, External interfaces, and Defensive Management functionality in a test environment to conduct component, subsystem, and end to end software test before deployment to the test aircraft and/or the operational fleet.

B-2 Display Modernization (BDM) will purchase ICS until final maintenance support is determined. Current Statement of Work requests contractor provide three one-year options to repair displays. Additionally, B-2 Adaptable Communications Suite (ACS) 4.0 will purchase ICS until final maintenance support is determined.

Other Post Production Support (PPS) provides funds to procurement, replacement, upgrade, test, integration and shipment of other PSE and STE capabilities, associated support systems and subcomponents, and software development systems and architecture used in B-2 associated laboratories, sustainment depot maintenance activities, test ranges, and AFGSC operational support facilities.

This Line Item covers ICS for legacy components, BDM, ACS, and the WSSC. ICS for new B-2 modifications is covered in Line Item 70 under B00200 B-2A.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support **P-1 Line Item Number / Title:** B002B0 / B-2B

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

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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-2B				- / -	- / 39.929	- / 36.325	- / 15.207	- / -	- / 15.207
P-40	Total Gross/Weapon System Cost				- / -	- / 39.929	- / 36.325	- / 15.207	- / -	- / 15.207

*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:

ICS will continue to provide interim maintenance and repair capability to legacy B-2 LRUs/SRUs as well as new aircraft modification components and alternate mission equipment until either an organic repair capability or contractor repair capability is established.

Post Production Support funds are used to acquire, replace, upgrade, integrate, and test obsolete B-2 Peculiar Support Equipment and Special Test Equipment capabilities, associated subcomponents, and software development systems and architecture required to support software development and sustainment activities, and other B-2 testing at the Weapon System Support Center, as well as Program Depot Maintenance, Test Range, and Air Force Global Strike Command support facilities.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** B002B0 / B-2B **Aggregated Items Title:** B-2B

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
BDM; Program Code AP5000	A		-	-	-	-	-	-	-	0.091	-	-	-	-	-	-	-	-	-	-
Legacy ICS; Program Code ap5000	A		-	-	-	-	-	27.027	-	-	22.618	-	-	1.308	-	-	-	-	-	1.308
WSSC; Program Code bem000	A		-	-	-	-	-	12.902	-	-	13.616	-	-	13.899	-	-	-	-	-	13.899
Subtotal: Uncategorized			-	-	-	-	-	39.929	-	-	36.325	-	-	15.207	-	-	-	-	-	15.207
Total			-	-	-	-	-	39.929	-	-	36.325	-	-	15.207	-	-	-	-	-	15.207

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

Remarks:

This Line Item covers ICS for legacy components, BDM, ACS, and the WSSC. ICS for new B-2 modifications is covered in Line Item 70 under B00200 B-2A.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

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

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	3.602	5.883	0.000	-	0.000	0.110	0.111	0.113	0.115	-	9.934
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	3.602	5.883	0.000	-	0.000	0.110	0.111	0.113	0.115	-	9.934
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	3.602	5.883	0.000	-	0.000	0.110	0.111	0.113	0.115	-	9.934

(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-52H Combat Network Communication Technology (CONNECT) acquisition project supports nuclear and conventional operations by upgrading the B-52H fleet with data and voice communications capabilities along with improved threat and situational awareness to support participation in network centric operations. This CONNECT modification includes procurement of 74 aircraft kits + 2 EMD kits that will be installed in conjunction with Programmed Depot Maintenance (PDM). Ground station mission planning hardware, support equipment, initial spares, and Interim Contractor Support (ICS) will be procured. Additional initial support/readiness efforts will develop and upgrade B-52H training devices with CONNECT functionality. The CONNECT training device upgrades provide full CONNECT functionality to support aircrew training. The Aircrew Training Devices (ATDs) include three B-52H Weapon System Trainers (WST) and two Offensive Station Mission Trainers (OSMT), and the upgrades will also be installed in the Systems Integration Lab (SIL). The Other Government Cost line includes, but is not limited to, Diminishing Manufacturing Sources (DMS) and Material Shortages (DMSMS) costs to maintain the production configuration through the identification, review and monitoring of items with high obsolescence risk potential, classification of identified items according to criticality, identification of alternatives and implementation of resolutions. Resolutions may include non-recurring engineering (NRE) and/or replacement costs for DMSMS components, bridge buys of DMSMS components until NRE can be completed or Life of Type buys, whichever is most appropriate. Included in the Support Equipment line is the planning for establishment of an organic Depot capability, stand-up of the depot, procurement of depot equipment and procurement of the CONNECT ground station.

Funds may be used to address emerging and short-notice DMSMS issues. DMSMS efforts to 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. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative. Funds may be used to resolve emerging safety of flight issues, accommodate technology insertion and fulfill Federal Aviation Agency (FAA) or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

CONNECT installation completed in FY21 for the entire B-52 fleet of 76 aircraft.

Post Production Support funds ICS until the depot is established for CONNECT. DMSMS costs support maintaining the production configuration through the identification, review, and monitoring of items with high obsolescence risk potential, classification of identified items according to criticality, identification of alternatives, and the implementation of resolutions.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0101113F.

Justification:

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support		P-1 Line Item Number / Title: B05200 / B-52
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0101113F
Line Item MDAP/MAIS Code: N/A		
No FY24 Post Production Support requested		

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: C00500 / C-5
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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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	18.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	18.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	18.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	18.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	18.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	18.000

(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:

C-5 Fuselage Trainer (FuT) - The purpose of this effort is to procure and install a FuT at Lackland AFB, TX. The FuT is a simulator device that facilitates C-5 Loadmaster Initial Qualification training by duplicating ground aircraft capabilities and syllabus-driven requirements, thus producing qualified crewmembers.

Fuselage Trainer-based training events provide improved training standardization, increased event frequency, and reduced aircraft utilization. FuT acquisition/usage will reduce C-5 ground aircraft utilization by 2331 hours annually. This, in turn, will lead to increased aircraft availability for other FTU training syllabi and the operational squadron's support of AMC's Rapid Global Mobility mission.

Funding for this exhibit is contained in PE 0401897F.

Justification:

No FY24 funding requested.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: C130JM / MC-130J
---	--

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0207224F, 0207230F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	10.117	-	10.117	10.438	10.727	10.971	11.199	-	53.452
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	10.117	-	10.117	10.438	10.727	10.971	11.199	-	53.452
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	10.117	-	10.117	10.438	10.727	10.971	11.199	-	53.452

(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 Post Production Support Program for AC/HC/MC-130Js supports all out-of-production aircraft, allows for corrections of production deficiencies, and includes all other items/activities needed to support the AC/HC/MC-130Js once the production line is complete. Activities include but are not limited to: stand up, replacement, and/or increased requirement of Primary Mission Equipment; Diminishing Manufacturing Sources (DMS) and obsolescence solutions including (if optimal) lifetime buys or bridge buys limited to the program of record quantity; spares; Program Support Costs (PSC); Post Delivery Support, Training Equipment, Government Services; fielding of/and upgrades to simulators/training devices; Interim Contractor Support (ICS); purchase of Government Furnished Equipment; Pub/Tech Data; Crypto Updates; and Data. This program also addresses post-delivery and field support needs such as training, interim supply support, deferred support equipment (initial peculiar), support equipment, and replacement of organizational and intermediate level peculiar support equipment. It also includes procurement of additional quantities of support equipment in support of force structure changes that increase the number of bases requiring support equipment during the post production period of the weapon system (e.g., conversion of active to guard/reserve forces) and procurement of investment type replenishment spares and repair parts which are exempt from the AF Working Capital Fund, Supply Division.

In FY 24, WSC: HCMC00, HC/MC-130 Modifications, Post Production Support efforts were transferred to WSC: C130JM, MC-130J, in order to continue post production support for AC/HC/MC-130J aircraft.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 C130JM / MC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207230F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	MC-130J				- / -	- / 0.000	- / 0.000	- / 10.117	- / -	- / 10.117
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 0.000	- / 10.117	- / -	- / 10.117

*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:
 The FY24 efforts include Program Support Costs, Post Delivery Support and Training Equipment.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: C130JM / MC-130J	Aggregated Items Title: MC-130J
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Program Support Costs																				
Program Support Costs	A		-	-	-	-	-	0.000	-	-	0.000	-	-	7.382	-	-	-	-	-	7.382
Subtotal: Program Support Costs			-	-	-	-	-	0.000	-	-	0.000	-	-	7.382	-	-	-	-	-	7.382
Post Delivery Support																				
Post Delivery Support	A		-	-	-	-	-	0.000	-	-	0.000	-	-	2.335	-	-	-	-	-	2.335
Subtotal: Post Delivery Support			-	-	-	-	-	0.000	-	-	0.000	-	-	2.335	-	-	-	-	-	2.335
Training Equipment																				
Training Equipment	A		-	-	-	-	-	0.000	-	-	0.000	-	-	0.400	-	-	-	-	-	0.400
Subtotal: Training Equipment			-	-	-	-	-	0.000	-	-	0.000	-	-	0.400	-	-	-	-	-	0.400
Total			-	-	-	-	-	0.000	-	-	0.000	-	-	10.117	-	-	-	-	-	10.117

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

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

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

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	2.324	2.764	0.000	-	0.000	0.000	0.000	0.000	0.000	-	5.088
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	2.324	2.764	0.000	-	0.000	0.000	0.000	0.000	0.000	-	5.088
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	2.324	2.764	0.000	-	0.000	0.000	0.000	0.000	0.000	-	5.088

(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-15C/D Eagle is a highly maneuverable all-weather air superiority fighter. The F-15E Strike Eagle retains the basic air-to-air capability of the F-15C/D Eagle, but adds a weapon systems operator (WSO), rear cockpit, conformal fuel tanks and advanced systems for all-weather, day/night, all-altitude, deep penetration air-to-surface attack.

F-15E Integrated Aircrew Trainers (IATs) funded in PE 0207134F, supports the procurement of additional IATs in order to better implement formal syllabus training, and meet HAF intent by preparing for 20% increase in FTU production IAW ACC/A3T memo dated 29 Jun 2016. Future training plans include moving all Computer Based Training (CBTs) from desktop PCs to the IATs for increased fidelity and reduced Subject Matter Expert (SME) hours when teaching basic avionics use in IATs and Mission Training Center (MTC) events. Allows additional time to concentrate on systems integration and crew coordination, further supporting HAF intent.

The program continues post-production support of the F-15C/D and F-15E support equipment and tooling to include Electronic Systems Test Set (ESTS) and post production support for the F-15 tooling storage.

Provides continued support of post production tooling storage at Granite City, IL. This equipment is used for the manufacture, test, support, or repair of the F-15 aircraft and/or its associated system components. The retention of Special Tooling/Special Test Equipment (ST/STE) is based on past usage history, current spare/repair parts contracts, and projections for future requirements.

In accordance with Section 1815 of the FY2008 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 response, and providing military support to civil authorities.

No Research Development Test and Evaluation funding is associated with this effort.

Funds may be used to address Diminishing manufacturing Sources (DMS) efforts to 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.

Tooling is loaned/leased to support manufacturing of spares, as well as to support the execution of modification programs, life extension activities, and sustainment efforts.

Justification:

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support		P-1 Line Item Number / Title: F01500 / F-15
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

F-15 is not requesting any FY24 funding for Post Production Support.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: F0160P / F-16
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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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	10.456	5.102	1.075	-	1.075	0.865	0.411	0.000	0.000	-	17.909
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	10.456	5.102	1.075	-	1.075	0.865	0.411	0.000	0.000	-	17.909
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	10.456	5.102	1.075	-	1.075	0.865	0.411	0.000	0.000	-	17.909

(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:

Provides funding for F-16 support equipment, facilities support, interim contractor support, production tooling storage management, and production line shutdown activities for F-16 aircraft.

Funding for this exhibit is contained in PE 0207133F

Justification:

This appropriation is for the continuation of prime contractor post production support, procurement of deferred peculiar ground support equipment, peculiar training equipment, peculiar support equipment, mission support, interim contract support for F-16 Modification programs: Active Electronically Scanned Array (AESA), Modular Mission Computer/Programmable Display Generator (MMC/PDG), Comm Suite Upgrade, AGCAS, Integrated Viper Electronic Warfare Suite (IVEWS) and activities associated with F-16 Production Line Shutdown.

Funding for the Production Tooling Storage Management contracts is essential to the F-16 Program as it requires specialized engineering services to ensure continued fleet support capability during, and beyond production lines. The USG stores tooling identified as required to be re-utilized to manufacture spares, support aircraft modifications, or other purposes. It would require millions of dollars to re-manufacture these tools and the delivery lead-time of the required tool/part would take several years to reproduce. The requirement is annual funding to maintain the Electronic Tool Inventory Management System (eTIMS) in cooperation with the Lexes Inc. and Lockheed Martin Aeronautics Inc, as well as the actual tear-down, shipping and storage of unique aircraft manufacturing equipment.

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

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: F02200 / F-22A
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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: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	38.418	-	38.418	0.000	0.000	0.000	0.000	-	38.418
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	38.418	-	38.418	0.000	0.000	0.000	0.000	-	38.418
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	38.418	-	38.418	0.000	0.000	0.000	0.000	-	38.418

(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:

FY24 F-22 Post Production Support request is a new start.

Funding will procure necessary support equipment for a simulation environment. The battlespace environment and the computing infrastructure to implement the battlespace is referred to as Joint Simulation Environment (JSE) in a box.

Funding for this exhibit is contained in PE 0207138F.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
F02200 / F-22A

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

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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				- / -	- / 0.000	- / 0.000	- / 38.418	- / -	- / 38.418
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 0.000	- / 38.418	- / -	- / 38.418

*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:

FY24 F-22 Post Production Support request is a new start.

The F-22 funding procures the following requirements, but is not limited to those listed below:

Funding will procure the production and integration of F-22 In a Box (IAB) systems including Hardware (HW), all required Software (SW) licenses, and SW build to deliver a complete F-22 IAB system to the VTTC, Nellis AFB, Las Vegas, Nevada. An F-22 IAB system includes the cockpit, Hands-On-Throttle And Stick (HOTAS), landing gear panel, Cockpit Support Rack (CSR), spares, appropriate SW licenses, and current SW build.

F-22 Mission Critical Replenishment Spares (MCRS) commensurate with the service life of the F-22 and increases in the fleet's annual flying hour program. Spares include leading edge flaps, wings, wing tips, horizontal stabilizers, main weapons bay doors, and other large surface area components to support expedient repairs from aircraft mishaps or condemnation identified during the fleet-wide reversion repair. The majority of these spares are long-lead items with a diminishing manufacturing base.

Funding also supports the procurement of test stations, necessary to test and troubleshoot aircraft components as well as procurement of support equipment required to enable on/off aircraft maintenance.

Funding may be used to resolve emerging safety of flight and DMS issues, accommodate technology insertion, respond to field support equipment issues, and fulfill Federal Aviation Administration (FAA) or other mandates to ensure continued aircrew safety maintenance capability and mission effectiveness.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: F02200 / F-22A	Aggregated Items Title: F-22A
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
Joint Simulation Environment (JSE)	A		-	-	-	-	-	-	-	-	9.604	4	38.418	-	-	-	9.605	4	38.418	
Forward Support Equipment	A		-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	-	-	-	
Mission Critical Replenishment Spares	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Next Generation Labratory	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	0.000	-	-	0.000	-	-	38.418	-	-	-	-	-	38.418
Total			-	-	-	-	-	0.000	-	-	0.000	-	-	38.418	-	-	-	-	-	38.418

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

Remarks:
This effort will procure the production and integration of four (4) F-22 IAB systems including Hardware (HW), all required Software (SW) licenses, and SW build to deliver a complete F-22 IAB system to the VTTC, Nellis AFB, Las Vegas, Nevada. An F-22 IAB system includes the cockpit, Hands-On-Throttle And Stick (HOTAS), landing gear panel, Cockpit Support Rack (CSR), spares, appropriate SW licenses, and current SW build.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 HCMC00 / HC/MC-130 Modifications

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207230F

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	20.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	20.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	20.000

(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 Post Production Support Program for AC/HC/MC-130Js supports all out-of-production aircraft, allows for corrections of production deficiencies, and includes all other items/activities needed to support the AC/HC/MC-130Js once the production line is complete. Activities include but are not limited to: stand up, replacement, and/or increased requirement of Primary Mission Equipment; Diminishing Manufacturing Sources (DMS) and obsolescence solutions including (if optimal) lifetime buys or bridge buys limited to the program of record quantity; spares; Program Support Costs (PSC); Government Services; fielding of/ and upgrades to simulators/training devices; Interim Contractor Support (ICS); purchase of Government Furnished Equipment; Pub/Tech Data; Crypto Updates; and Data. This program also addresses post-delivery and field support needs such as training, interim supply support, deferred support equipment (initial peculiar), support equipment, and replacement of organizational and intermediate level peculiar support equipment. It also includes procurement of additional quantities of support equipment in support of force structure changes that increase the number of bases requiring support equipment during the post production period of the weapon system (e.g., conversion of active to guard/reserve forces) and procurement of investment type replenishment spares and repair parts which are exempt from the AF Working Capital Fund, Supply Division.

In FY 24, This line item: HCMC00, HC/MC-130 PPS, Post Production Support efforts were transferred to line item: C130JM, MC-130J, in order to continue post production support for AC/HC/MC-130J aircraft.

Justification:

No FY24 funding requested.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 PRDTB5 / MQ-9 Post Prod

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	7.069	0.000	-	0.000	0.000	0.000	0.000	0.000	-	7.069
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	7.069	0.000	-	0.000	0.000	0.000	0.000	0.000	-	7.069
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	7.069	0.000	-	0.000	0.000	0.000	0.000	0.000	-	7.069

(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 post production support 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 post-production funds will be used to address, but not limited to, emerging and short notice DMS and DMSMS issues that affect safety of flight associated with legacy ground and air segment equipment, accommodate technology insertion, and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness. Funds may also be used for Interim Contract Support, production tooling storage management, and production line shutdown activities.

Funding for this exhibit contained in PE 0205219F.

Justification:

MQ-9 post-production funds will be used to address, but not limited to, emerging and short notice DMS and DMSMS issues that affect safety of flight associated with legacy ground and air segment equipment, specifically Expeditionary Line of Sight aircraft control. Funds may also be used to accommodate technology insertion, Interim Contract Support, production tooling storage management, and fulfill FAA or other mandates necessary to ensure continued aircrew safety and mission effectiveness.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0305220F	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 252

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	24.133	40.845	0.000	-	0.000	0.000	0.000	0.000	0.000	-	64.978
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	24.133	40.845	0.000	-	0.000	0.000	0.000	0.000	0.000	-	64.978
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	24.133	40.845	0.000	-	0.000	0.000	0.000	0.000	0.000	-	64.978

(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:

To win high-end conflict, the future Air Force force design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats in highly contested environments. As such, the Air Force will focus its FY24 investment efforts on supporting the Block 40 fleet until its planned divestiture in FY27.

RQ-4 Post Production Charges, 3010 Budget Program BP 13 funds Other Government Costs (OGCs), mission support, satellite communication infrastructure, contract closeout, and production closeout costs.

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 PE 0305220F.

The flyaway unit cost is not included on P-40 exhibit because there are multiple P-5 Cost Analysis exhibits. Funding may be used to address DMS issues for which there are not sufficient Government spares and/or the ability to repair organically or commercially is not viable.

The FY24 funding request was reduced by 11.684 million to account for the availability of prior year execution balances.

Justification:

FY24 RQ-4 Post Production funds may also be used for contract closeout, sustainment engineering ramp down, mission support, production closeout costs, DMS resolution, other government costs, satellite communication infrastructure, and other related costs.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness

P-1 Line Item Number / Title:
 000073 / Industrial Responsiveness

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	18.071	35.328	18.874	-	18.874	19.967	20.319	20.780	21.213	-	154.552
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	18.071	35.328	18.874	-	18.874	19.967	20.319	20.780	21.213	-	154.552
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	18.071	35.328	18.874	-	18.874	19.967	20.319	20.780	21.213	-	154.552

(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:

1. The Air Force Industrial Preparedness program element combines the resources of several appropriations (Aircraft Procurement, Missile Procurement, and Operation and Maintenance) to create a comprehensive program that aids in ensuring the defense industry can supply reliable, safe, affordable systems to operational commanders. The Aircraft Procurement part of Industrial Preparedness support 1) management and upkeep of government-owned industrial plants; 2) management of industrial base assessments; 3) environmental compliance and pollution prevention at government-owned industrial plants.

2. Four basic activities are funded in this appropriation: Industrial Facilities (3000), Industrial Base Assessments (6000), Environmental Compliance (7000), and Pollution Prevention (6044).

Industrial Facility Capital Type Rehabilitation cost element (MPC 3000) provides for repair and expansion, major capital rehabilitation, construction, demolition, equipment, real property directives (appraisals, easements, physical condition reports, etc.) and energy conservation to ensure AF government-owned, contractor-operated (GOCO) industrial facilities remain operationally safe, secure, suitable and effective to meet the nation's weapon system industry needs. These plants are the backbone of defense weapon system assembly and maintenance for the B-2, B-21, U-2, C-130J, RQ-4 Global Hawk, F-35 Joint Strike Fighter and classified programs and it is the intent of Congress (10USC 2535) to provide an essential nucleus of government owned industrial plants.

Industrial Base Assessment cost element (MPC 6000) provides for the identification, analysis and assessment of industrial base concerns dealing with aircraft research and development, production, and sustainment. These assessments provide timely and accurate industrial base information to support Air Force decisions on 1) aircraft weapon system acquisition risks; 2) budget allocation investments; 3) weapon system sustainment and logistics support; and 4) defense industry mergers, acquisitions, and divestitures. Supports Joint and Service industrial base planning on shared commodities, technologies, and facilities.

Environmental Compliance cost element (MPC 7000) provides for the efforts needed to maintain environmental compliance with federal, state, and local regulatory requirements regarding operation of the AF government-owned contractor-operated (GOCO) industrial facilities. The environmental compliance program includes efforts to enhance compliance through pollution prevention reducing controlled emissions and use of hazardous materials. Environmentally compliant industrial facilities enable production to continue and grow to meet our nation's weapon system needs and avoid the risk of shutdown due to non-compliance, cleanup costs and penalties from Federal, State and Local regulators.

Pollution Prevention (P2) cost element (MPC 6044) at AF government-owned, contractor-operated (GOCO) facilities implements the Pollution Prevention program that reduces emissions to air, land, and water, reduces AF cost as facility owner. Implements Environmental Safety and Occupational Health (ESOH) risk management that reduces weapon systems' risk impacts and life cycle costs. Includes qualification of improved processes, materials and equipment; energy conservation initiatives; P2 opportunity assessments; and recovery/recycling to minimize hazardous waste. Program results are shared across DOD.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness		P-1 Line Item Number / Title: 000073 / Industrial Responsiveness
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
Activities support AF goals under Activities support AF goals under the Federal Pollution Prevention Act, AF/CV and SAF/IE Policy on P2 and Waste Elimination, USD (AT and L) hexavalent chromium reduction policy, and Resource Conservation and Recovery Act.		
Funding for this exhibit is contained in PE 0708011F.		

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness
P-1 Line Item Number / Title: 000073 / Industrial Responsiveness

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

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	Industrial Responsiveness				- / -	- / 18.071	- / 35.328	- / 18.874	- / -	- / 18.874
P-40	Total Gross/Weapon System Cost				- / -	- / 18.071	- / 35.328	- / 18.874	- / -	- / 18.874

*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:
 FY24 Requirements are for MPC 3000 Capital Type Rehabilitation, MPC 6000 Industrial Base Assessment, MPC 7000 Environmental Compliance and MPC 6044 Pollution Prevention.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 3 **P-1 Line Item Number / Title:** 000073 / Industrial Responsiveness **Aggregated Items Title:** Industrial Responsiveness

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
Pollution Prevention (6044)	A		-	-	-	-	-	2.310	-	-	2.503	-	-	2.480	-	-	-	-	-	2.480
Capital Type Rehabilitation (MPC 3000)	A		-	-	-	-	-	7.780	-	-	23.981	-	-	7.661	-	-	-	-	-	7.661
Industrial Base Assessment (MPC 6000)	A		-	-	-	-	-	1.020	-	-	1.064	-	-	1.072	-	-	-	-	-	1.072
Environmental Compliance (MPC 7000)	A		-	-	-	-	-	6.961	-	-	7.780	-	-	7.661	-	-	-	-	-	7.661
Subtotal: Uncategorized			-	-	-	-	-	18.071	-	-	35.328	-	-	18.874	-	-	-	-	-	18.874
Total			-	-	-	-	-	18.071	-	-	35.328	-	-	18.874	-	-	-	-	-	18.874

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

Remarks:
 Note FY22 had be realigned to UPAD to cover a current for cancel bill which dropped the total resource amount from \$18.110 to \$18.071

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 4: War Consumables

P-1 Line Item Number / Title:
 000074 / War Consumables

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207040F, 0305116F

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	32.066	31.165	27.482	-	27.482	25.860	26.661	27.644	28.362	-	199.240
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	32.066	31.165	27.482	-	27.482	25.860	26.661	27.644	28.362	-	199.240
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	32.066	31.165	27.482	-	27.482	25.860	26.661	27.644	28.362	-	199.240

(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 ALE-70 Towed Decoy is a countermeasures dispenser system designed to fit into the F-35 Joint Strike Fighter (JSF) aircraft. The ALE-70 provides aircraft self-protection against radar guided missiles. Funds procure all system components: decoys, canisters, and explosive cartridges to deploy the decoys.

Items Less Than \$5M: The Rocket-Assisted Take-Off (RATO) motor is a solid propellant rocket used to provide launching thrust to the Air Force Subscale Aerial Target (AFSAT) drone (BQM-167). Support items include reefing line cutters, igniters, and initiators. The RATO and the associated support items are single use items.

Funding for this exhibit contained in Program Elements PE 0207442F, 0305116F, and 0207040F.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 4: War Consumables **P-1 Line Item Number / Title:** 000074 / War Consumables

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207040F, 0305116F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	Aerial Targets				- / -	- / 0.959	- / 4.994	- / 5.083	- / -	- / 5.083
P-40a	Multi-Platform Electronic Warfare Equipment				- / -	- / 31.107	- / 26.171	- / 22.384	- / -	- / 22.384
P-40	Total Gross/Weapon System Cost				- / -	- / 32.066	- / 31.165	- / 27.482	- / -	- / 27.482

*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:
 ALE-70 Towed Decoy: FY24 funds procure all system components: decoys, canisters, and explosive cartridges to deploy the decoys

 Items Less Than 5M: FY24 funding required to procure RATO booster(HB32), initiator (HB31), MK17 igniter (M934) and H1.4 Cutters.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 4 **P-1 Line Item Number / Title:** 000074 / War Consumables **Aggregated Items Title:** Aerial Targets

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
RATO booster (HB32) and initiator (HB31)	A		-	-	-	0.028	26	0.719	0.030	155	4.633	0.030	160	4.800	-	-	-	0.030	160	4.800
H1.4 Cutter	A		-	-	-	0.000	1,832	0.240	-	-	0.000	-	-	-	-	-	-	-	-	-
MK17 (M934)	A		-	-	-	-	-	-	0.000	1,000	0.263	0.000	1,076	0.283	-	-	-	0.000	1,076	0.283
PMA	A		-	-	-	-	-	-	-	-	0.098	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	0.959	-	-	4.994	-	-	5.083	-	-	-	-	-	5.083
Total			-	-	-	-	-	0.959	-	-	4.994	-	-	5.083	-	-	-	-	-	5.083

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

Remarks:

RATO procurement costs account for First Article Testing of new assets, transportation costs, inert motors for training, and travel costs

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force															Date: March 2023				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 4							P-1 Line Item Number / Title: 000074 / War Consumables								Aggregated Items Title: Multi-Platform Electronic Warfare Equipment				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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																				
ALE-70 Towed Decoy	A		-	-	-	0.064	484	31.107	0.056	470	26.171	0.071	315	22.384	-	-	-	0.071	315	22.384
Subtotal: Hardware			-	-	-	-	-	31.107	-	-	26.171	-	-	22.384	-	-	-	-	-	22.384
Total			-	-	-	-	-	31.107	-	-	26.171	-	-	22.384	-	-	-	-	-	22.384

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

Remarks:
The ALE-70 Towed Decoy is a countermeasures dispenser system designed to fit into the F-35 Joint Strike Fighter (JSF) aircraft. The ALE-70 provides aircraft self-protection against radar guided missiles. Funds procure all system components: decoys, canisters, and explosive cartridges to deploy the decoys.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 5: Other Production Charges

P-1 Line Item Number / Title:
 000075 / Other Production Charges

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207439F

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	1,096.369	1,305.178	1,478.044	-	1,478.044	2,086.421	2,023.026	1,936.279	1,576.472	-	11,501.789
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	1,096.369	1,305.178	1,478.044	-	1,478.044	2,086.421	2,023.026	1,936.279	1,576.472	-	11,501.789
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	1,096.369	1,305.178	1,478.044	-	1,478.044	2,086.421	2,023.026	1,936.279	1,576.472	-	11,501.789

(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 Miscellaneous Production Charges program provides for items which are not directly related to other procurement line items in this appropriation, cannot be reasonably allocated and charged to other procurement line items in this appropriation, can be managed as separate end items, may contain certain classified programs, and may be alternate mission equipment, not considered a modification, for out of production systems.

The major efforts supported include funding for Electronic Attack pods, and associated test equipment; B-2, F-15E, F-15 EPAWSS and F-22 Depot Core Activation, T-7A Depot Activation, Aerial Targets, Maintenance Support Vehicles or Equipment and the required U.S. contribution for projects defined by the NATO Airborne Early Warning and Control (NAEWC) Board of Directors and approved by the U.S. government.

The program has associated Research Development Test and Evaluation funding in PEs 0101113F, 0101127F, 0207040F, 0207171F, 0207134F, 0207138F, 0205219F, 0207249F, 0305116F, 0305220F, 0604735F, 0605223F, 0701212F, 0804701F, and 1203001F.

Funding for this exhibit contained in PE 0207040F.

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Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 5: Other Production Charges

P-1 Line Item Number / Title:
000075 / Other Production Charges

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207439F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 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	Automated Test Systems				- / -	- / 11.613	- / 3.034	- / 0.000	- / -	- / 0.000
P-40a	B-2 Squadrons				- / -	- / 17.636	- / 20.320	- / 18.894	- / -	- / 18.894
P-40a	Advanced Program Evaluation				- / -	- / 885.973	- / 1,145.422	- / 1,234.922	- / -	- / 1,234.922
P-40a	Combat Training Range Equipment				- / -	- / 14.784	- / 21.973	- / 57.086	- / -	- / 57.086
P-40a	Multi-Platform Electronic Warfare Equipment				- / -	- / 7.421	- / 0.000	- / -	- / -	- / -
P-40a	Electronic Warfare Integrated Reprogramming (EWIR)				- / -	- / 3.803	- / 3.992	- / 4.075	- / -	- / 4.075
P-40a	F-15 EPAWSS				- / -	- / 24.823	- / 0.000	- / 11.953	- / -	- / 11.953
P-40a	F-15A/B/C/D Squadrons				- / -	- / 1.468	- / 0.000	- / -	- / -	- / -
P-40a	F-15E Squadrons				- / -	- / 8.378	- / 0.000	- / 0.000	- / -	- / 0.000
P-40a	F-22A Squadrons				- / -	- / 10.729	- / 30.667	- / 30.152	- / -	- / 30.152
P-40a	MQ-9 UAV				- / -	- / 26.596	- / 0.004	- / 0.000	- / -	- / 0.000
P-40a	Precision Attack Systems Procurement				- / -	- / 24.000	- / 0.000	- / -	- / -	- / -
P-40a	RQ-4 UAV				- / -	- / 10.788	- / 0.000	- / -	- / -	- / -
P-40a	Service Support to NATO AEW&C Program				- / -	- / 31.907	- / 57.418	- / 58.608	- / -	- / 58.608
P-40a	Aerial Targets				- / -	- / 16.450	- / 17.188	- / 17.945	- / -	- / 17.945
P-40a	Advanced Pilot Training System T-7A				- / -	- / 0.000	- / 5.160	- / 44.409	- / -	- / 44.409
P-40	Total Gross/Weapon System Cost				- / -	- / 1,096.369	- / 1,305.178	- / 1,478.044	- / -	- / 1,478.044

*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:
FY24 major efforts supported include funding for B-2 Squadrons, Advanced Program Evaluation, Combat Training Range Equipment, Electronic Warfare Integrated Reprogramming (EWIR), F-15 EPAWSS, F-22A Squadrons, Service Support to NATO, Aerial Targets and Advanced Pilot Training Systems.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Automated Test Systems
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Automated Test Systems																				
Bomber Armament Tester (BAT)	A		-	-	-	-	-	11.613	-	-	3.034	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Automated Test Systems			-	-	-	-	-	11.613	-	-	3.034	-	-	0.000	-	-	-	-	-	0.000
Total			-	-	-	-	-	11.613	-	-	3.034	-	-	0.000	-	-	-	-	-	0.000

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

Remarks:

Bomber Armament Tester (BAT) is a nuclear certified common tester capable of testing on-aircraft Stores Management Systems and Line Replacement Units both on-and off-aircraft. The BAT System will test functionality of the Armament Mission Equipment (AME) that is required for B-2A, B-1B, and B-52H weapons delivery.

FY23 funding will be used for any close out actions for the Bomber Armament Tester Program and for any DMSMS studies/solutions for legacy B-52, B-2, and B-1 testers within the Armament and Stores capability bucket. Without this funding, the Armament and Stores IPT will be dependent on contract repair, increasing life cycle sustainment costs.

ATS Product Group consists of the following:

- Armament and Stores
- Avionics
- Electronic Warfare

- Software Loader/Verifier and Built-in-Test
- Radar and Identification Friend or Foe
- Specialized

Development, modernization and technology insertion for over 8K testers across all major commands and Joint Force. Accelerates developing and modernizing cyber resilient, nuclear-certified ATS supporting USAF Armament, Bomber, Fighter/Advance Aircraft, Mobility, Training, ISR & SOF.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** B-2 Squadrons

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
B-2 PMA	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-2 BDM	A		-	-	-	-	-	-	-	-	0.395	-	-	-	-	-	-	-	-	-
B-2 STE	A		-	-	-	-	-	17.636	-	-	19.925	-	-	18.894	-	-	-	-	-	18.894
Subtotal: Uncategorized			-	-	-	-	-	17.636	-	-	20.320	-	-	18.894	-	-	-	-	-	18.894
Total			-	-	-	-	-	17.636	-	-	20.320	-	-	18.894	-	-	-	-	-	18.894

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

Remarks:

FY24 funds will be used to achieve B-2 Depot Activation and contractor Special Test Equipment (STE) modernization. Depot Activation is the program to transition legacy and B-2 modification components to organic depot repair from contract depot repair as directed by HQ AFMC via the Source of Repair Assignment (SORA) process. Depot Activation funding support all product support elements (such as technical data, support equipment, supply support, training and facilities) required to establish organic repair capability on B-2 avionics and mechanical components. The STE modernization effort modernizes, refurbishes and/or replaces obsolete Government Furnished Property (GFP) used by contractors to perform depot repairs on B-2 components. The existing STE used by contractors was built for the B-2 production contract and has become obsolete over the past 30 years. Also, the B-2 program did not provide STE to the contractor or establish an initial depot repair capability. This STE effort is in place to ensure depot repair capabilities exist at the assigned contractors.

BDM FY23 funding will be used to achieve Depot Stand-up activities. The activities are Depot Planning & Analysis, and Depot Activation. Initial planning efforts and assessments determine the data, training, equipment, and so forth that the Air Force needs to acquire in order to establish a specific organic capability. Depot Activation phase will purchase the data, training resources ,hardware/software and other required items outlined in the Depot Planning and Analysis phase.

Management Services: Efforts associated with services provided in support of program office management and administration processes such as: program oversight, resource justification, budget and programming, milestone and schedule tracking.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Advanced Program Evaluation
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
Classified Programs	A		-	-	-	-	-	885.973	-	-	1,145.422	-	-	1,234.922	-	-	-	-	-	1,234.922
Subtotal: Uncategorized			-	-	-	-	-	885.973	-	-	1,145.422	-	-	1,234.922	-	-	-	-	-	1,234.922
Total			-	-	-	-	-	885.973	-	-	1,145.422	-	-	1,234.922	-	-	-	-	-	1,234.922

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

Remarks:
This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** Combat Training Range Equipment

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
P6 Combat Training System																				
P6 Combat Training System Pods & PSES	A		-	-	-	0.519	25	12.980	0.517	40	20.670	0.550	90	49.482	-	-	-	0.550	90	49.482
Procurement Spares (Lot)	A		-	-	-	1.500	1	1.500	1.000	1	1.000	5.500	1	5.500	-	-	-	5.500	1	5.500
Subtotal: P6 Combat Training System			-	-	-	-	-	14.480	-	-	21.670	-	-	54.982	-	-	-	-	-	54.982
P6 Program Support Cost																				
Program Support Cost Other Government Costs	A		-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
Program Support Cost Contractor Services	A		-	-	-	-	-	-	-	-	-	-	-	1.700	-	-	-	-	-	1.700
Subtotal: P6 Program Support Cost			-	-	-	-	-	-	-	-	-	-	-	1.800	-	-	-	-	-	1.800
P5 Combat Training system																				
P5 Combat Training System Equipment Spares	A		-	-	-	-	-	0.304	-	-	0.303	-	-	0.304	-	-	-	-	-	0.304
Subtotal: P5 Combat Training system			-	-	-	-	-	0.304	-	-	0.303	-	-	0.304	-	-	-	-	-	0.304
Total			-	-	-	-	-	14.784	-	-	21.973	-	-	57.086	-	-	-	-	-	57.086

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

Remarks:

(P5CTS) provides instrumentation required to train aircrews in air-to-air, air-to-ground, and ground-to-air combat under simulated combat conditions in any available airspace worldwide. The P5CTS is comprised of the P5 pod, communication links, and a ground station to support range safety, training execution, and aircrew debriefings. The system is in sustainment, with an estimated lifecycle through 2032. The P5CTS program requires a small 3010F investment over the FYDP to address pod attrition and Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues that cannot be addressed with O&M.

P5CTS funds may be used but are not limited to addressing product Diminishing Manufacturing Sources and Material Shortages (DMSMS) and obsolescence issues through studies, bridge buys, life of type buys, supplier parts replacement and qualification activities to preserve future production capabilities and capacities.

P5CTS - There are no P5CTS program support costs.

P5CTS MAJCOM FM, FOA or DRU Offices will budget program support costs on an annual basis and reflect in the FY the requirement is projected to execute; requirements will be budgeted and executed in the weapon system or PEC within the procurement, RDT&E, or O&M appropriations. (T-1). For multi-year appropriations, execution of program support costs may occur in any year of funds currently available.

P6 Combat Training System (P6CTS) will replace the P5CTS which is nearing end of life. P6CTS will resolve existing critical training capability gaps and will enable comprehensive, realistic training environments for 4th Gen - 5th Gen aircraft systems. Key features of P6CTS include a trusted Operating System, Multiple Level Security (MLS) architecture, Type 1 encryption of over-air data and increased processing capability. When paired with other recent and planned range infrastructure modernization, P6CTS investment will realize robust Air-to-Air and Air-to-Ground combat training and provide a growth path to Live-Virtual-Constructive (LVC) and other future training enhancements.

P6CTS funds will support but is not limited to the purchase of P6CTS Air Subsystem (a.k.a. pods) and associated spares. Funds may also be used for program support to manage procurement activities.

P6CTS Program Support Costs. Program Support Costs are defined as direct, unique program costs (other than payroll costs for government personnel) required for the operation of a program office in its management and oversight role. The financing of program support costs must be consistent with: a) the type of work being performed; b) where the program resides within the acquisition phase (lifecycle); and c) existing regulatory and statutory doctrine, including coverage governing the purpose of an appropriation. (T-1).

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Combat Training Range Equipment

P6CTS MAJCOM FM, FOA or DRU Offices will budget program support costs on an annual basis and reflect in the FY the requirement is projected to execute; requirements will be budgeted and executed in the weapon system or PEC within the procurement, RDT&E, or O&M appropriations. (T-1). For multi-year appropriations, execution of program support costs may occur in any year of funds currently available.

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

Funding for this exhibit is contained in PE 02070429F.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force														Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5						P-1 Line Item Number / Title: 000075 / Other Production Charges						Aggregated Items Title: Multi-Platform Electronic Warfare Equipment							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
EW POD	A		-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-
Spectrum Warfare Attack Capability (SWAC)	A		-	-	-	-	-	7.421	-	-	0.000	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	7.421	-	-	0.000	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	7.421	-	-	0.000	-	-	-	-	-	-	-	-	-

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

Remarks:
 Funding required for A-10 and F-16 Electronic Attack pods and associated test equipment. This equipment is used to counter adversary ground and airborne radar systems used to detect and target Air Force aircraft.
 The Spectrum Warfare Attack Capability (SWAC) is not a new effort. SWAC will replace existing alternatives (i.e. Angry Kitten Pod) for the Electronic Warfare Pod Upgrade Program that meet the three capabilities: rapidly re-programmable, open system architecture, and Software defined functionality. The Angry Kitten Pod is a suitable pod alternative for the Electronic Warfare Pod Upgrade Program.
 Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.
 No Budget Year FY24 funding requested.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force														Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5							P-1 Line Item Number / Title: 000075 / Other Production Charges							Aggregated Items Title: Electronic Warfare Integrated Reprogramming (EWIR)					

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
EWIR																				
Electronic Warfare Integrated Reprogramming (EWIR)	A		-	-	-	-	-	3.803	-	-	3.992	-	-	4.075	-	-	-	-	-	4.075
Subtotal: EWIR			-	-	-	-	-	3.803	-	-	3.992	-	-	4.075	-	-	-	-	-	4.075
Total			-	-	-	-	-	3.803	-	-	3.992	-	-	4.075	-	-	-	-	-	4.075

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

Remarks:
Funding procures equipment and aircraft system components to provide critical reprogramming of Electronic Warfare (EW) systems for all Air Force and Foreign Military Sales customers. The Electronic Warfare Avionics Integration Support Facility (EWAISF) develops and maintains advanced sensors to simulate and/or emulate existing and emerging threats for complete EW weapon system testing in support of the EWIR process.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: F-15 EPAWSS
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
F-15 EPAWSS																				
F-15 EPAWSS	A		-	-	-	-	-	24.823	-	-	0.000	-	-	11.953	-	-	-	-	-	11.953
Subtotal: F-15 EPAWSS			-	-	-	-	-	24.823	-	-	0.000	-	-	11.953	-	-	-	-	-	11.953
Total			-	-	-	-	-	24.823	-	-	0.000	-	-	11.953	-	-	-	-	-	11.953

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

Remarks:

Funding is required to comply with Title 10 USC Section 2464, Core Logistics Capabilities and Title 10 USC Section 2466, which mandate standup of an organic USG depot maintenance/repair capability No Later Than (NLT) Initial Operating Capability (IOC) + 4 years. Specifically, funds will enable the Depot Maintenance Activation Working Group (DMAWG)/Depot Maintenance Activation Team (MAPT) activities. The DMAWG/MAPT are performing a Depot Gap Analysis to determine what additional capability, facilities, infrastructure, equipment, technical data, and training are required to stand up the USG organic depot capability. Additionally, funds will be used to develop comprehensive Technical Requirements Documents (TRDs) that identify how repairs will be performed on each EPAWSS component.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: F-15A/B/C/D Squadrons
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
Mode 5 Program Office Estimate	A		-	-	-	-	-	1.468	-	-	0.000	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	1.468	-	-	0.000	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	1.468	-	-	0.000	-	-	-	-	-	-	-	-	-

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

Remarks:

The F-15C is a single seat, twin engine, supersonic, all-weather, day/night, air-superiority fighter. Mode 5 is a secure Air-to-Air Interrogator/Identification Friend-or-Foe (AAI/IFF) system for identifying friendly aircraft. Mode 5 will provide vastly improved performance with a robust encryption scheme.

No FY 2024 funding requested.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: F-15E Squadrons
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
APG-82(V)1 Depot Standup Program Office Estimate	A		-	-	-	-	-	8.378	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Uncategorized			-	-	-	-	-	8.378	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total			-	-	-	-	-	8.378	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000

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

Remarks:
 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. F-15E Radar Modernization Program (RMP), designated the APG-82(V)1, replaces 217 legacy F-15E radars with an active electronically scanned array radar, using existing technology from other DOD platforms. It solves parts obsolescence problems and provides improved reliability and performance, including air-to-air and air-to-ground modes. It also provides for future growth.
 FY22 funding will be used to support depot stand-up/activation for the F-15E APG-82(V)1 radar, also known as the Radar Modernization Program (RMP).

 No FY 2024 funding requested.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: F-22A Squadrons
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
F-22 A Squadrons	A		-	-	-	-	-	10.729	-	-	30.667	-	-	30.152	-	-	-	-	-	30.152
Subtotal: Uncategorized			-	-	-	-	-	10.729	-	-	30.667	-	-	30.152	-	-	-	-	-	30.152
Total			-	-	-	-	-	10.729	-	-	30.667	-	-	30.152	-	-	-	-	-	30.152

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

Remarks:
 FY24 funding provides for out of production system items not directly related to other procurement line items. This funding also provides for depot activations, supporting the F-22's core determination and source of repair including the three Air Logistics Complexes (ALCs). Funding enables initial activation of depot repair capabilities (i.e. tools and equipment, facility modification, and training) for F-22 aircraft, as well as engine components, sub-assemblies, structures, and software. Open Systems Architecture (OSA)/Open Radio Architecture (ORA) chassis and equipment, and the Open Systems Enclave (OSE) are supported by a government lab.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** MQ-9 UAV

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
MQ-9	A		-	-	-	-	-	26.596	-	-	0.004	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Uncategorized			-	-	-	-	-	26.596	-	-	0.004	-	-	0.000	-	-	-	-	-	0.000
Total			-	-	-	-	-	26.596	-	-	0.004	-	-	0.000	-	-	-	-	-	0.000

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

Remarks:
No FY 2024 funding.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** Precision Attack Systems Procurement

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
Precision Attack Systems	A		-	-	-	-	-	24.000	-	-	0.000	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	24.000	-	-	0.000	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	24.000	-	-	0.000	-	-	-	-	-	-	-	-	-

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

Remarks:

Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATPs feature an infrared (IR) sensor, charged coupled device television (CCD-TV), laser designator, eye-safe laser, larger aperture, combat identification, laser spot tracker, infrared marker, and real-time video data link for connectivity with ground forces. 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, including suppression/destruction of enemy air defenses (SEAD/DEAD), precision air interdiction, close air support (CAS), non-traditional intelligence, surveillance and reconnaissance (NT-ISR), reconnaissance, and time-sensitive targeting.

FY22 funding supports the production, qualification and integration of ATPs to include all activities necessary for fielding. It includes, but is not limited to, Advanced Targeting Pod (ATP) procurements, OFP verification/qualification testing, modification and integration efforts, Interim Contractor Logistics (ICS) support, containers, site activations, technical data packages, depot standup and program management support. Laser Infrared Targeting and Navigating (LITENING) ATPs are currently used by the active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC).

No Budget Year (FY24) funding requested.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: RQ-4 UAV
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
RQ-4 UAV	A		-	-	-	-	-	10.788	-	-	0.000	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	10.788	-	-	0.000	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	10.788	-	-	0.000	-	-	-	-	-	-	-	-	

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

Remarks:

FY22 funding required for Global Hawk RQ-4 depot activation, including the procurement of depot repair equipment, spares, depot level technical data, technical data rights, training, and other activities (i.e gap analysis) related to the prioritization and implementation of organic depot repair capability for compliance to 10 USC 2464 and the respective depot source of repair decisions.
Funds support RQ-4 Depot Activation activities such as Depot Source of Repair, Life Cycle Sustainment Plan and Business Case Analysis for GSMP

Not a New Start.

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force														Date: March 2023					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5							P-1 Line Item Number / Title: 000075 / Other Production Charges							Aggregated Items Title: Service Support to NATO AEW&C Program					

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
NATO AWACS-Modernization Projects	A		-	-	-	-	-	31.907	-	-	57.418	-	-	58.608	-	-	-	-	-	58.608
Subtotal: Uncategorized			-	-	-	-	-	31.907	-	-	57.418	-	-	58.608	-	-	-	-	-	58.608
Total			-	-	-	-	-	31.907	-	-	57.418	-	-	58.608	-	-	-	-	-	58.608

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

Remarks:
 FY24 funding required for NATO E-3 aircraft which provides air and maritime surveillance and air control for allied forces in the NATO area of operations. Fiscal Year Defense Plan funding provides the required U.S. contribution for projects defined by the NATO Airborne Early Warning and Control (NAEWC) Board of Directors and approved by the U.S. government. These projects include but are not limited to the Follow-on Upgrade Program (FUP I), Final Lifetime Extension Program (FLEP) modernization projects, and planning/analysis for NATO's next replacement program. The Follow-on Upgrade program satisfies international airspace mandates for upgraded Communications Navigation Surveillance/Air Traffic Management (CNS/ATM) as well as transponder upgrades for Mode 5 and Enhanced Mode S and includes planning activities for a FUP II effort. The Final Lifetime Extension Program efforts include but are not limited to projects that will enable the aircraft to maintain airspace access, ensure continued interoperability with the USAF AWACS/E-7, meet emerging military requirements, and sustain the NATO fleet for the future needs of NATO to at least 2035.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Aerial Targets
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
Uncategorized																				
Aerial Targets	A		-	-	-	-	-	16.450	-	-	17.188	-	-	17.945	-	-	-	-	-	17.945
Subtotal: Uncategorized			-	-	-	-	-	16.450	-	-	17.188	-	-	17.945	-	-	-	-	-	17.945
Total			-	-	-	-	-	16.450	-	-	17.188	-	-	17.945	-	-	-	-	-	17.945

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

Remarks:

Program procures ALQ-167 and/or DLQ-9 electronic attack pods for target drones including support equipment. Payloads emulate threat aircraft electronic countermeasures and jamming capabilities. FY24 funding will procure approximately 15 of each pod based on test requirements, expected usage in support of lethality testing and associated hardware procurement due to kill authorizations.

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

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force **Date:** March 2023

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Advanced Pilot Training System T-7A
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 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)
TX																				
Advanced Pilot Trainer Procurement	A		-	-	-	-	-	0.000	-	-	5.160	-	-	44.409	-	-	-	-	-	44.409
Subtotal: TX			-	-	-	-	-	0.000	-	-	5.160	-	-	44.409	-	-	-	-	-	44.409
Total			-	-	-	-	-	0.000	-	-	5.160	-	-	44.409	-	-	-	-	-	44.409

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

Remarks:
 The Advanced Pilot Training (APT)/ T-7A Red Hawk program will replace the Air Education Training Commands (AETC) aging T-38C fleet with new aircraft, Ground Based Training Systems (simulators, training devices, computer based training systems, academics, etc.), Maintenance Training Systems (which will be procured via a separate contracting action), and support infrastructure currently used in the fighter/bomber advanced Specialized Undergraduate Pilot Training (SUPT) track as well as in the Introduction to Fighter Fundamentals (IFF) program.

FY24 Funding provides for depot activation/s supporting the T-7A's core determination and source of repair at the three potential Air Logistics Complexes (ALCs). This funding enables initial activation of depot repair capabilities (i.e., tools and equipment, facility modification, and training) for T-7A aircraft, as well as engine components, sub-assemblies, structures, and software.

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