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

March 2024



**Air Force**

*Justification Book Volume 1 of 1*

***Missile Procurement, Air Force***

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Air Force • Budget Estimates FY 2025 • Procurement

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

For construction, procurement, and modification of missiles, rockets, and related equipment, including spare parts and accessories therefor, ground handling equipment, and training devices; 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, \$4,373,609,000 to remain available for obligations until September 30, 2027.

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

Total Obligational Authority  
 3020F Detail  
 (Dollars in Thousands)

Mar 2024

Appropriation: 3020 Missile Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
<b><u>Budget Activity 01: Ballistic missiles</u></b>									
<b>Missile Replacement Equipment - Ballistic</b>									
1	Missile Replacement Eq-Ballistic	A	U		55,476		69,319		37,333
<b>Ballistic Missiles</b>									
2	Ground Based Strategic Deterrent Advance Procurement (CY) C (FY 2024 for FY 2026) (M)						539,300 (539,300)		
3	Mk21A Reentry Vehicle	A	U						26,156
<b>Total Ballistic missiles</b>					<b>55,476</b>		<b>608,619</b>		<b>63,489</b>

**Budget Activity 02: Other missiles**

**Strategic**

4	Long Range Stand-Off Weapon	A	U		31,454		66,816		70,335
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\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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

Mar 2024

Total Obligational Authority  
 3020F Detail  
 (Dollars in Thousands)

Appropriation: 3020 Missile Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
5	Long Range Stand-Off Weapon Advance Procurement (CY) C (FY 2025 for FY 2027) (M)								140,000 (140,000)
<b>Tactical</b>									
6	Replac Equip & War Consumables	A	U		30,510		37,318		6,533
7	Joint Air-Surface Standoff Missile Less: Advance Procurement (PY)	A	U	600	(834,971)	550	(915,996)	550	(1,047,469) (-222,418)
					<b>834,971</b>		<b>915,996</b>		<b>825,051</b>
8	Joint Air-Surface Standoff Missile Advance Procurement (CY) C (FY 2024 for FY 2025) (M) C (FY 2024 for FY 2026) (M) C (FY 2024 for FY 2027) (M) C (FY 2024 for FY 2028) (M)						769,672 (222,418) (182,418) (182,418) (182,418)		
9	Joint Strike Missile	A	U			48	161,011	50	165,909

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



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

Total Obligational Authority  
 3020F Detail  
 (Dollars in Thousands)

Appropriation: 3020 Missile Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
10	LRASMO		U	57	(211,589)	27	(87,796)	115	(379,067)
	Less: Advance Procurement (PY)								(-24,967)
					<b>211,589</b>		<b>87,796</b>		<b>354,100</b>
11	LRASMO								
	Advance Procurement (CY)						99,871		
	C (FY 2024 for FY 2025) (M)						(24,967)		
	C (FY 2024 for FY 2026) (M)						(24,968)		
	C (FY 2024 for FY 2027) (M)						(24,968)		
	C (FY 2024 for FY 2028) (M)						(24,968)		
12	Sidewinder (AIM-9X)	A	U	497	220,855	192	95,643	147	107,101
13	AMRAAM	A	U	319	(371,104)	457	(489,049)	462	(518,176)
	Less: Advance Procurement (PY)								(-70,803)
					<b>371,104</b>		<b>489,049</b>		<b>447,373</b>
14	AMRAAM								
	Advance Procurement (CY)						212,410		
	C (FY 2024 for FY 2025) (M)						(70,803)		

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

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

Mar 2024

Total Obligational Authority  
 3020F Detail  
 (Dollars in Thousands)

Appropriation: 3020 Missile Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
	C (FY 2024 for FY 2026) (M)						(70,803)		
	C (FY 2024 for FY 2027) (M)						(70,804)		
15	Predator Hellfire Missile	A	U		1,040		1,049		
16	Small Diameter Bomb	A	U	740	52,715	874	48,734	604	42,257
17	SMALL DIAMETER BOMB II	A	U	2,007	480,406	920	291,553	868	328,382
18	Stand-In Attack Weapon (SIAW)	A	U	42	77,975	14	41,947	128	173,421
<b>Industrial Facilities</b>									
19	Industrial Preparedness/Pol Prevention	A	U		868		793		913
<b>Total Other missiles</b>					<b>2,313,487</b>		<b>3,319,658</b>		<b>2,661,375</b>
<b><u>Budget Activity 03: Modification of inservice missiles</u></b>									
<b>Class IV</b>									
20	ICBM FUZE MOD	A	U		(114,188)		(159,195)		(139,546)

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

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

Mar 2024

Total Obligational Authority  
 3020F Detail  
 (Dollars in Thousands)

Appropriation: 3020 Missile Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
	Less: Advance Procurement (PY)				(-14,497)		(-43,450)		(-35,507)
					<b>99,691</b>		<b>115,745</b>		<b>104,039</b>
21	ICBM FUZE MOD								
	Advance Procurement (CY)				37,673		43,044		40,336
	C (FY 2023 for FY 2026) (M)				(37,673)				
	C (FY 2024 for FY 2027) (M)						(43,044)		
	C (FY 2025 for FY 2028) (M)								(40,336)
22	MM III Modifications	A	U		54,171		48,639		24,212
23	Air Launch Cruise Missile (ALCM)	A	U		34,230		41,494		34,019
	<b>Total Modification of in-service missiles</b>				<b>225,765</b>		<b>248,922</b>		<b>202,606</b>
<b><u>Budget Activity 04: Spares and repair parts</u></b>									
<b>Missile Spares and Repair Parts</b>									
24	Msl Sprs/Repair Parts (Initial)	A	U		16,202		6,840		6,956
25	Msl Sprs/Repair Parts (Replen)	A	U		70,478		75,191		103,543

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

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

Mar 2024

Total Obligational Authority  
 3020F Detail  
 (Dollars in Thousands)

Appropriation: 3020 Missile Procurement, Air Force				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost <sup>+</sup>	Quantity	Cost
<b>Total Spares and repair parts</b>					86,680		82,031		110,499
 <b><u>Budget Activity 05: Other support</u></b>									
<b>Special Programs</b>									
28	Special Update Programs	A	U		36,933		419,498		628,436
<b>Classified Programs</b>									
999	Classified Programs		U		705,540		851,718		707,204
<b>Total Other support</b>					<b>742,473</b>		<b>1,271,216</b>		<b>1,335,640</b>
 <b><u>Budget Activity 20: Undistributed</u></b>									
<b>Undistributed</b>									
30	Adj to Match Continuing Resolution	A	U				-2,531,152		
<b>Total Undistributed</b>							<b>-2,531,152</b>		
<b>Total Missile Procurement, Air Force</b>					<b>3,423,881</b>		<b>2,999,294</b>		<b>4,373,609</b>

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

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***Appropriation 3020F: Missile Procurement, Air Force***

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1	01	03	00099L	Missile Replacement Eq-Ballistic.....	Volume 1 - 1
2	01	04	MGBSD0	Ground Based Strategic Deterrent.....	Volume 1 - 13
2	01	04	MGBSD0	Ground Based Strategic Deterrent, Advance Procurement.....	Volume 1 - 17
3	01	04	MK21A0	Mk21A Reentry Vehicle.....	Volume 1 - 21

***Appropriation 3020F: Missile Procurement, Air Force***

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<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
4	02	01	MLRSO1	Long Range Stand-Off Weapon.....	Volume 1 - 25
5	02	01	MLRSO1	Long Range Stand-Off Weapon, Advance Procurement.....	Volume 1 - 31
6	02	02	222000	Replac Equip & War Consumables.....	Volume 1 - 35
7	02	02	JASSM0	Joint Air-Surface Standoff Missile.....	Volume 1 - 39
8	02	02	JASSM0	Joint Air-Surface Standoff Missile, Advance Procurement.....	Volume 1 - 51
9	02	02	JSM000	Joint Strike Missile.....	Volume 1 - 55

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***Appropriation 3020F: Missile Procurement, Air Force***

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10	02	02	LRASM0	LRASM0.....	Volume 1 - 65
11	02	02	LRASM0	LRASM0, Advance Procurement.....	Volume 1 - 75
12	02	02	M09HAI	Sidewinder (AIM-9X).....	Volume 1 - 79
13	02	02	MAMRA0	AMRAAM.....	Volume 1 - 95
14	02	02	MAMRA0	AMRAAM, Advance Procurement.....	Volume 1 - 107
15	02	02	PRDTA2	Predator Hellfire Missile.....	Volume 1 - 111
16	02	02	SDB000	Small Diameter Bomb.....	Volume 1 - 113
17	02	02	SDB002	SMALL DIAMETER BOMB II.....	Volume 1 - 123
18	02	02	SIAW24	Stand-In Attack Weapon (SIAW).....	Volume 1 - 137
19	02	05	000042	Industrial Preparedness/Pol Prevention.....	Volume 1 - 147

***Appropriation 3020F: Missile Procurement, Air Force***

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<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
20	03	01	M30FLH	ICBM FUZE MOD.....	Volume 1 - 149
21	03	01	M30FLH	ICBM FUZE MOD, Advance Procurement.....	Volume 1 - 157
22	03	01	M30MLG	MM III Modifications.....	Volume 1 - 161

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***Appropriation 3020F: Missile Procurement, Air Force***

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23	03	01	MALCBG	Air Launch Cruise Missile (ALCM).....	Volume 1 - 167

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24	04	10	00098A	Msl Sprs/Repair Parts (Initial).....	Volume 1 - 183
25	04	10	00098K	Msl Sprs/Repair Parts (Replen).....	Volume 1 - 187

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28	05	04	MSPPRG	Special Update Programs.....	Volume 1 - 191

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AMRAAM, Advance Procurement	MAMRA0	14	02	02.....	Volume 1 - 107
Air Launch Cruise Missile (ALCM)	MALCBG	23	03	01.....	Volume 1 - 167
Ground Based Strategic Deterrent	MGBSD0	2	01	04.....	Volume 1 - 13
Ground Based Strategic Deterrent, Advance Procurement	MGBSD0	2	01	04.....	Volume 1 - 17
ICBM FUZE MOD	M30FLH	20	03	01.....	Volume 1 - 149
ICBM FUZE MOD, Advance Procurement	M30FLH	21	03	01.....	Volume 1 - 157
Industrial Preparedness/PoI Prevention	000042	19	02	05.....	Volume 1 - 147
Joint Air-Surface Standoff Missile	JASSM0	7	02	02.....	Volume 1 - 39
Joint Air-Surface Standoff Missile, Advance Procurement	JASSM0	8	02	02.....	Volume 1 - 51
Joint Strike Missile	JSM000	9	02	02.....	Volume 1 - 55
LRASM0	LRASM0	10	02	02.....	Volume 1 - 65
LRASM0, Advance Procurement	LRASM0	11	02	02.....	Volume 1 - 75
Long Range Stand-Off Weapon	MLRSO1	4	02	01.....	Volume 1 - 25
Long Range Stand-Off Weapon, Advance Procurement	MLRSO1	5	02	01.....	Volume 1 - 31
MM III Modifications	M30MLG	22	03	01.....	Volume 1 - 161
Missile Replacement Eq-Ballistic	00099L	1	01	03.....	Volume 1 - 1

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<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
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Msl Sprs/Repair Parts (Initial)	00098A	24	04	10.....	Volume 1 - 183
Msl Sprs/Repair Parts (Replen)	00098K	25	04	10.....	Volume 1 - 187
Predator Hellfire Missile	PRDTA2	15	02	02.....	Volume 1 - 111
Replac Equip & War Consumables	222000	6	02	02.....	Volume 1 - 35
SMALL DIAMETER BOMB II	SDB002	17	02	02.....	Volume 1 - 123
Sidewinder (AIM-9X)	M09HAI	12	02	02.....	Volume 1 - 79
Small Diameter Bomb	SDB000	16	02	02.....	Volume 1 - 113
Special Update Programs	MSPPRG	28	05	04.....	Volume 1 - 191
Stand-In Attack Weapon (SIAW)	SIAW24	18	02	02.....	Volume 1 - 137

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Department of the Air Force  
 FY 2025 President's Budget  
 Exhibit P-1 FY 2025 President's Budget  
 Total Obligational Authority  
 3020F BA Summary  
 (Dollars in Thousands)

Mar 2024

Appropriation: <b>Missile Procurement, Air Force</b>	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments <sup>*</sup>	FY 2025 Request
<b><u>Budget Activity</u></b>			
01. Ballistic missiles	55,476	608,619	63,489
02. Other missiles	2,313,487	3,319,658	2,661,375
03. Modification of inservice missiles	225,765	248,922	202,606
04. Spares and repair parts	86,680	82,031	110,499
05. Other support	742,473	1,271,216	1,335,640
20. Undistributed		-2,531,152	
<b>Total Missile Procurement, Air Force</b>	<b>3,423,881</b>	<b>2,999,294</b>	<b>4,373,609</b>

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## P-1M MODIFICATION REPORT – 2025 PB

<u>MISSILE PROCUREMENT ENT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
AGM-65	P	650003	Laser Maverick Mod	71.6											71.6
<b>TOTAL FOR CLASS P</b>				71.6											71.6
<b>TOTAL FOR MISSILE AGM-65</b>				71.6											71.6

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

## P-1M MODIFICATION REPORT – 2025 PB

<u>MISSILE</u> <u>PROCUREMENT</u> <u>ENT</u>	<u>CLASS</u>	<u>MOD</u> <u>NR</u>	<u>MODIFICATION</u> <u>TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25</u> <u>OCO</u>	<u>Total</u> <u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
AGM-88	P	_2984	HARM Control Section Modification	72.2											72.2
<b>TOTAL FOR CLASS P</b>				72.2											72.2
<b>TOTAL FOR MISSILE AGM-88</b>				72.2											72.2

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

## P-1M MODIFICATION REPORT – 2025 PB

<u>MISSILE</u> <u>PROCUREMENT</u> <u>ENT</u>	<u>CLASS</u>	<u>MOD</u> <u>NR</u>	<u>MODIFICATION</u> <u>TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25</u> <u>OCO</u>	<u>Total</u> <u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
SDB I	P	610001	GBU-39/B SDB I - BRU-61/A Dual Power Modifications	45.3											45.3
<b>TOTAL FOR CLASS P</b>				45.3											45.3
<b>TOTAL FOR MISSILE SDB I</b>				45.3											45.3

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

## P-1M MODIFICATION REPORT – 2025 PB

<u>MISSILE</u> <u>PROCUREMENT</u> <u>ENT</u>	<u>CLASS</u>	<u>MOD</u> <u>NR</u>	<u>MODIFICATION</u> <u>TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25</u> <u>OCO</u>	<u>Total</u> <u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
ICBM Fuze Mod	P	5915	FUZE MODERNIZATION	121.0	114.2	159.2	139.5		139.5	161.2	153.3	140.9	0.7	1.0	991.1
<b>TOTAL FOR CLASS P</b>				121.0	114.2	159.2	139.5		139.5	161.2	153.3	140.9	0.7	1.0	991.1
<b>TOTAL FOR MISSILE ICBM Fuze Mod</b>				121.0	114.2	159.2	139.5		139.5	161.2	153.3	140.9	0.7	1.0	991.1

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



## P-1M MODIFICATION REPORT – 2025 PB

<u>MISSILE PROCUREMENT ENT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25 OCO</u>	<u>Total FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST TO GO</u>	<u>TOTAL PROG</u>
LGM-30 Mods	P	5910	MINUTEMAN MEECN MODIFICATION	132.1	4.1	4.4	4.7		4.7	3.0					148.3
		5916	ICBM Cryptography Upgrade Increment II	149.7	10.9										160.6
		5921	MM LCC Block Upgrades	40.6											40.6
		5925	MM III Auto Switching Unit (ASU)	6.4	24.7	31.7	0.0		0.0						62.8
		5928	T-9 Launch Facility Trainer Conversion (T-9)	44.5											44.5
		5932	LGM-30G Remote Visual Assessment Phase II (RVA II)	82.9	0.4										83.2
		5942	LGM-30G Launch Control Center Break-In-Kit (LCCB)	0.2											0.2
		5947	A/D Switch Replacement	3.9											3.9
		5948	CMPT upgrade	0.3											0.3
		5949	Fast Rising B-Plug Service Extension Program (FRBP SLEP)	0.0	9.2	11.6	12.8		12.8	8.7					42.4
		99999X	Low Cost Modifications	16.5	5.0	0.9	6.7		6.7	4.6	10.4	10.6	10.8		65.3
<b>TOTAL FOR CLASS P</b>				476.9	54.2	48.6	24.2		24.2	16.3	10.4	10.6	10.8		652.0
<b>TOTAL FOR MISSILE LGM-30 Mods</b>				476.9	54.2	48.6	24.2		24.2	16.3	10.4	10.6	10.8		652.0

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

## P-1M MODIFICATION REPORT – 2025 PB

<u>MISSILE</u> <u>PROCUREMENT</u> <u>ENT</u>	<u>CLASS</u>	<u>MOD</u> <u>NR</u>	<u>MODIFICATION</u> <u>TITLE</u>	<u>PRIOR</u>	<u>FY-23</u>	<u>FY-24</u>	<u>FY-25</u>	<u>FY-25</u> <u>OCO</u>	<u>Total</u> <u>FY-25</u>	<u>FY-26</u>	<u>FY-27</u>	<u>FY-28</u>	<u>FY-29</u>	<u>COST</u> <u>TO GO</u>	<u>TOTAL</u> <u>PROG</u>
AGM-86	P-S	860108	Inertial Navigation Element (INE)	37.9	8.9	8.7	10.8		10.8	5.1	10.1	10.4	0.7	39.1	131.8
<b>TOTAL FOR CLASS P-S</b>				37.9	8.9	8.7	10.8		10.8	5.1	10.1	10.4	0.7	39.1	131.8
	P	_0468	AGM-86B Low Cost Mods	2.1		0.1	0.1		0.1	0.1					2.4
		860009	AGM-86B CALCM/ALCM Test Instrumentation Kit	31.2	5.5	8.2	4.2		4.2						49.1
		860011	Support Equipment	30.1	1.4	2.8	0.1		0.1	0.2	0.0	1.8			36.5
		860101	AGM-86B Service Life Extension Program 1	18.7	4.2	4.2	4.4		4.4	3.3	0.0	0.0	0.0		34.8
		860103	Warhead Arming Device (WAD)	7.6	0.0	0.0									7.6
		860104	Rotary Switch (RS)	38.7	8.5	2.5	0.6		0.6	0.0	0.0	0.0	0.0		50.5
		860105	Guided Missile Flight Controller (GMFC)	10.5	0.9	5.6	6.2		6.2	6.3	5.1	5.1	0.6		40.4
		860106	W-10 Cable	2.2	0.2										2.4
		860107	Fuze Assembly	6.2	3.5	0.9	0.0		0.0						10.6
		860109	Flight Data Transmitter	0.8	0.0	5.3	6.1		6.1	6.2	6.3	5.1	2.1	0.0	32.1
		860110	Voltage Regulator		1.0	1.0	1.0		1.0	1.0	1.0	0.9	0.0		5.9
		860111	Elevon Actuator Controller (EAC)			2.0	0.6		0.6	6.6	6.7	6.6	4.6	3.0	30.2
<b>TOTAL FOR CLASS P</b>				148.2	25.3	32.8	23.3		23.3	23.8	19.2	19.5	7.4	3.0	302.4
<b>TOTAL FOR MISSILE AGM-86</b>				186.1	34.2	41.5	34.0		34.0	28.9	29.3	30.0	8.1	42.1	434.2

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

# UNCLASSIFIED

## ACRONYMS

### *GENERAL ACRONYMS*

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

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

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

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

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

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

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## UNCLASSIFIED

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

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

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

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

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

### ***IDENTIFICATION CODES***

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

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**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 3: Missile Replacement Equipment - Ballistic	<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0101213F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	55.476	69.319	37.333	-	37.333	56.520	42.045	42.947	43.802	-	347.442
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	55.476	69.319	37.333	-	37.333	56.520	42.045	42.947	43.802	-	347.442
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>55.476</b>	<b>69.319</b>	<b>37.333</b>	-	<b>37.333</b>	<b>56.520</b>	<b>42.045</b>	<b>42.947</b>	<b>43.802</b>	-	<b>347.442</b>

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

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

**Description:**

This program funds replacement of organizational and intermediate level support equipment for all out-of-production ballistic missile systems. Equipment procured is used for missile weapon systems maintenance and testing at organizational/intermediate (base/field) launch control facilities, as well as missile testing facilities. Equipment and qualified minor construction costs related to depot activation. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Related Research, Development, Test & Evaluation, Air Force funding is contained in PE 0101213F.

- Ballistic Missile Items Less Than 5 million: Support Equipment Less Than 5M procures low cost new, modified or replacement support equipment, to include facilities and other equipment to support programmed depot maintenance capability activation. Support equipment procurement activities replace and modernize of unavailable or unsupportable aged and obsolete equipment which cannot be procured using operations and maintenance funding. These costs also fall below the threshold for a stand-alone MMIII program. The list of activities includes dozens of initiatives which are accomplished in priority order given available funds.
- Payload Transporter Replacement (PTR): Provides nuclear certified tractor and trailer to emplace, extract, and transport the reentry system, the Propulsion System Rocket Engine, and the guidance systems. Replaces current payload transporter to meet USSTRATCOM security requirements and addresses supportability issues. Required to sustain Minuteman III operations through fielding of Sentinel. This requirement (or modification) supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D
- Performance Assessment Data System Communication Equipment Interface Unit (PADS CEIU): PADS is used to collect and analyze Missile Guidance Computer (MGC) data, Launch Facility (LF) faults and anomalies, as well as LF security and Environmental Control System (ECS) data. PADS is a critical MM III legacy data system, developed in the late 1970s and redesigned in 1996-1999, using commercial software. This program addresses PADS reliability, by updating software to meet Air Force software security requirements and to conform to the Air Force standard desktop configuration. PADS CEIU is used to transmit MM III Inertial Measurement Unit (IMU) Performance Data (IPD) from the Launch Control Center (LCC) to the PADS at the support base via telephone lines. CEIU is unclassified equipment, but interfaces with both classified and non-classified systems. This program will update the current CEIU. The change to CEIU design will no longer utilize a modem but will instead use internet protocol (IP). PADS CEIU will support operations through the fielding of Sentinel and is required by AFGSC by the end of FY24.
- Transporter Erector Replacement Program (TERP): The TERP replaces the current transporter erector used to emplace, extract and transport MM III boosters to and from launch facilities. The TERP will also update existing drawings, specifications and technical orders to eliminate parts obsolescence and support operations through the fielding of Sentinel.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 3: Missile Replacement Equipment - Ballistic		<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0101213F
<b>Line Item MDAP/MAIS Code:</b> N/A		

- Higher Authority Command Test System (HACTS) 2.0 program replaces obsolete/unsupportable communication system test equipment.
  - Missile Transporter Acquisition Procurement (MTAP) is acquiring additional Missile Transporter Tractors and Missile Transporter Trailers that are used to transport the MMIII downstage between the depot and the missile wings. Additionally, the MT's will also be used to sustain MMIII through transition to Sentinel. As it stands, the existing fleet will not be sufficient to sustain MMIII until Sentinel fully fields.
  - MMIII Acquisition Transport/Handling (MATH) program is acquiring 5 Propulsion System Rocket Engine (PSRE) Tractors, 5 PSRE Semitrailers (PSTs), and 10 Rocket Motor Semitrailers (RMSs). This program ensures the Transportation and Handling (T&H) equipment levels will be sufficient to sustain MMIII weapons systems and concurrent transition to Sentinel without any disruption to the nuclear deterrence mission. The PSRE Tractor and PST are used to transport the PSREs between the depot and Missile Wings. The RMS is used to transport the individual stages between the depot and the Missile Wings.
  - Little Mountain Test Facility Supt/Eqp (LMTF) funding added across the FYDP ensures the testing site can support MMIII and Sentinel radiation test activities. Support equipment investments will increase as aging and obsolescent equipment is identified that cannot last until Sentinel's later than expected deployment date.
- Funding for this exhibit contained in PE 0101213F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 3: Missile Replacement Equipment - Ballistic **P-1 Line Item Number / Title:** 00099L / Missile Replacement Eq-Ballistic

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0101213F

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

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Ballistic Missile Items Less Than \$5 Million				- / -	- / 5.424	- / 11.505	- / 20.088	- / -	- / 20.088
P-40a	Carriages Acq Procurement				- / -	- / -	- / 4.040	- / -	- / -	- / -
P-40a	Higher Authority Communications Test System (HACTS 2.0)				- / -	- / -	- / -	- / 4.338	- / -	- / 4.338
P-40a	Little Mountain Test Facility (LMTF) Supt/Equip				- / -	- / -	- / -	- / 6.500	- / -	- / 6.500
P-40a	Missile Transporter Acquisition Procurement (MTAP)				- / -	- / -	- / 10.893	- / -	- / -	- / -
P-40a	Payload Transporter Replacement (PTR)				- / -	- / 46.151	- / 37.730	- / 6.407	- / -	- / 6.407
P-40a	Perf Assess Data Sys Comm Equip Interface Unit (PADS CEIU II)				- / -	- / 3.901	- / 5.151	- / 0.000	- / -	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				- / -	- / 55.476	- / 69.319	- / 37.333	- / -	- / 37.333

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.  
 Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

**Justification:**

This program, Missile Replacement Eq-Ballistic P-40A Category Higher Authority Communication Test System Item (HACTS 2.0) Higher Authority Communication Test System, is a new start.

Higher Authority Communication Test System (HACTS 2.0) is a new start.

Little Mountain Test Facility (LMTF) is an FY25 new start.

FY25 funding provides replacement support equipment items for an aging inventory of equipment which has become increasingly costly to maintain. These items will increase ballistic missile system reliability and maintainability by providing state-of-the-art maintenance repair and testing capability. The items are required to bridge the gap to the National Defense Strategy and National Military Strategy directed nuclear force modernization activities. Requirements are jointly determined by Headquarters United States Air Force (HQ USAF), Air Force Materiel Command (AFMC) and Air Force Global Strike Command (AFGSC) and are based on established allowance standards.

Items requested in FY25 are displayed on the attached P-40A. Items procured during execution may change based on critical equipment needed to support current and emerging Air Force mission requirements.

- Ballistic Missile Items Less Than 5 million: will procure low-cost support equipment required to sustain Minuteman III operations through fielding of the Sentinel Weapons System. This effort provides support equipment to enable refurbishment efforts for component and system life extensions to maintain the MMIII weapon system effectiveness and reliability until Sentinel fields. LMTF funding added across the FYDP ensures the testing site can support MMIII and Sentinel radiation test activities. Support equipment investments will increase as aging and obsolescent equipment is identified that cannot last until Sentinel's later than expected deployment date.
- PTR: FY25 funds will fund design changes required by engineering change orders (ECO) to mitigate risks caused by quality deficiencies.
- PADS CEIU: No FY25 Funding
- Higher Authority Communication Test System (HACTS) 2.0 FY25 funding enables award of a contract to procure 15 units to address the Chairman of the Joint Chiefs of Staff's mandate to update the HAC/RMPE software's inability to fully test updates due to expired WIN10 waiver and expected obsolescence of current stand-alone WSCE simulator. HACTS 2.0 is a production new start in FY25.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 3: Missile Replacement Equipment - Ballistic		<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> 0101213F
<b>Line Item MDAP/MAIS Code:</b> N/A		

- Little Mountain Test Facility Supt/Eqp (LMTF) FY25 funding ensures the testing site can support MMIII and Sentinel radiation test activities. Support equipment investments will increase as aging and obsolescent equipment is identified which must be replaced before Sentinel's deployment date.
- Missile Transporter Acquisition Procurement (MTAP): No FY25 Funding
- Carriage Acquisition Procurement (CAP): No FY25 Funding. Program cancelled per AFGSC direction.
- MMIII Acquisition Transport/Handling (MATH): No FY25 Funding

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2025 Air Force															<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 3						<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic						<b>Aggregated Items Title:</b> Ballistic Missile Items Less Than \$5 Million							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Various</b>																				
Various	A		-	-	-	-	-	5.424	-	-	11.505	-	-	20.088	-	-	-	-	-	20.088
<b>Subtotal: Various</b>			-	-	-	-	-	<b>5.424</b>	-	-	<b>11.505</b>	-	-	<b>20.088</b>	-	-	-	-	-	<b>20.088</b>
<b>Total</b>			-	-	-	-	-	<b>5.424</b>	-	-	<b>11.505</b>	-	-	<b>20.088</b>	-	-	-	-	-	<b>20.088</b>

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

**Remarks:**  
 Support Equipment Less Than 5M procures low cost new, modified or replacement support equipment, to include facilities and other equipment to support programmed depot maintenance capability activation. These support equipment procurement activities cover replacement and modernization of unavailable or unsupported aged and obsolete equipment which cannot be procured using operations and maintenance funding. These costs also fall below the threshold for a stand-alone MMIII programs. This effort provides support equipment to enable refurbishment efforts for component and system life extensions to maintain the MMIII weapon system effectiveness and reliability until Sentinel fields. Support equipment investments will increase as aging and obsolescent equipment is identified that cannot last until Sentinel's later than expected deployment date.

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 3	<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic	<b>Aggregated Items Title:</b> Carriages Acq Procurement
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>LGM-30G</b>																				
LGM-30G Carriages Acq Procurement (CAP)	A		-	-	-	-	-	-	2.020	2	4.040	-	-	-	-	-	-	-	-	
<b>Subtotal: LGM-30G</b>			-	-	-	-	-	-	-	-	<b>4.040</b>	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	-	-	-	-	-	-	<b>4.040</b>	-	-	-	-	-	-	-	-	

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

**Remarks:**  
 The Carriages are used to transport the Stage 1, Stage 2, and Stage 3 rocket motors. As it stands, the existing fielded quantities will not be sufficient to sustain MMIII until Sentinel is fully fielded.  
 FY24 funding will be used to verify Technical Data Package, stand up production lines, and order 2 assets.  
 No FY25 funding is required

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2025 Air Force															<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 3							<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic								<b>Aggregated Items Title:</b> Higher Authority Communications Test System (HACTS 2.0)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Higher Authority Communication Test System</b>																				
(HACTS 2.0) Higher Authority Communication Test System	A		-	-	-	-	-	-	-	-	-	0.334	13	4.338	-	-	-	0.334	13	4.338
<b>Subtotal: Higher Authority Communication Test System</b>			-	-	-	-	-	-	-	-	-	-	-	4.338	-	-	-	-	-	4.338
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	4.338	-	-	-	-	-	4.338

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

**Remarks:**  
- Higher Authority Comm Test System (HACTS 2.0) is a production new start in FY25

Higher Authority Communication Test System (HACTS) 2.0 FY25 funding enables award of a contract to procure 15 (2 EMD, 13 Production) units to address the Chairman of the Joint Chiefs of Staff's mandate to update the HAC/RMPE software's inability to fully test updates due to expired WIN10 waiver and expected obsolescence of current stand-alone WSCE simulator.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2025 Air Force														<b>Date:</b> March 2024					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 3						<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic						<b>Aggregated Items Title:</b> Little Mountain Test Facility (LMTF) Supt/ Eqp							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Little Mountain Test Facility (LMTF) Support Equipment</b>																				
Little Mountain Test Facility (LMTF) Support Equipment	A		-	-	-	-	-	-	-	-	-	-	-	6.500	-	-	-	-	-	6.500
<b>Subtotal: Little Mountain Test Facility (LMTF) Support Equipment</b>			-	-	-	-	-	-	-	-	-	-	-	<b>6.500</b>	-	-	-	-	-	<b>6.500</b>
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	<b>6.500</b>	-	-	-	-	-	<b>6.500</b>

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

**Remarks:**  
 - FY25 funding for LMTF Support Equipment Replacement. Previously executed under Ballistic Missile Items Less than \$5 Million.  
 - Little Mountain Test Facility (LMTF) is an FY25 new start.



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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2025 Air Force															<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 3							<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic								<b>Aggregated Items Title:</b> Missile Transporter Acquisition Procurement (MTAP)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>LGM-30G</b>																				
LGM-30G Missile Transporter Acquisition Procurement (MTAP)	A		-	-	-	-	-	-	5.447	2	10.893	-	-	-	-	-	-	-	-	
<b>Subtotal: LGM-30G</b>			-	-	-	-	-	-	-	-	10.893	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	-	-	-	-	-	-	10.893	-	-	-	-	-	-	-	-	

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

**Remarks:**  
 MTAP is acquiring an additional 6 Missile Transporter (MT) tractors and 6 MT Trailers that are used to transport downstage between the depot and the missile wings. Additional MT's are required to sustain MMIII through transition to Sentinel.  
 FY24 funding will verify Technical Data Package, stand up Production lines, and order 2 assets.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 01 / 3 **P-1 Line Item Number / Title:** 00099L / Missile Replacement Eq-Ballistic **Aggregated Items Title:** Payload Transporter Replacement (PTR)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>LGM-30G</b>																				
LGM-30G Payload Transporter Replacement (PTR)	A		-	-	-	7.692	6	46.151	9.432	4	37.730	-	-	6.407	-	-	-	-	-	6.407
<b>Subtotal: LGM-30G</b>			-	-	-	-	-	<b>46.151</b>	-	-	<b>37.730</b>	-	-	<b>6.407</b>	-	-	-	-	-	<b>6.407</b>
<b>Total</b>			-	-	-	-	-	<b>46.151</b>	-	-	<b>37.730</b>	-	-	<b>6.407</b>	-	-	-	-	-	<b>6.407</b>

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

**Remarks:**

Description

Provides nuclear certified tractor and trailer to emplace, extract and transport the reentry system, Propulsion System Rocket Engine, and guidance systems. Replaces current payload transporter to meet United States Strategic Command (USSTRATCOM) security requirements and addresses supportability issues. PTR will update existing drawings, specifications, and technical orders to eliminate parts obsolescence and address the intended usage through fielding of Sentinel Weapons Systems.

Justification: Based on historical PTR repair, quality escape, engineering change orders, and other uncertainty, FY25 funding will enable the fielding of PTRs to the Wings.

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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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2025 Air Force															<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 3						<b>P-1 Line Item Number / Title:</b> 00099L / Missile Replacement Eq-Ballistic						<b>Aggregated Items Title:</b> Perf Assess Data Sys Comm Equip Interface Unit (PADS CEIU II)							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>LGM-30G</b>																				
Program Support Costs (PADS CEIU II)	A		-	-	-	-	-	0.395	-	-	1.034	-	-	0.000	-	-	-	-	-	0.000
Performance Assessment Data System Comm Equipment Interface Unit (PADS CEIU II)	A		-	-	-	-	-	3.506	-	-	4.117	-	-	0.000	-	-	-	-	-	0.000
<b>Subtotal: LGM-30G</b>			-	-	-	-	-	<b>3.901</b>	-	-	<b>5.151</b>	-	-	<b>0.000</b>	-	-	-	-	-	<b>0.000</b>
<b>Total</b>			-	-	-	-	-	<b>3.901</b>	-	-	<b>5.151</b>	-	-	<b>0.000</b>	-	-	-	-	-	<b>0.000</b>

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

**Remarks:**  
 Performance Assessment Data System (PADS) is used to collect and analyze Missile Guidance Computer (MGC) data, Launch Facility (LF) faults and anomalies, as well as LF security and Environmental Control System (ECS) data. PADS is a critical MM III legacy data system, developed in the late 1970s and redesigned in 1996-1999, using commercial software. This program addresses PADS reliability, by updating software to meet Air Force software security requirements and to conform to the Air Force standard desktop configuration.

PADS Communications Equipment Interface Unit (CEIU) is used to transmit MM III Inertial Measurement Unit (IMU) Performance Data (IPD) from the Launch Control Center (LCC) to the PADS at the support base via telephone lines. CEIU is unclassified equipment, but interfaces with both classified and non-classified systems. This program will update the current CEIU. The change to CEIU design will no longer utilize a modem but will instead use internet protocol (IP). Program will produce 29 updated CEIUs and will upgrade 48 LCCs with fiber optics.

Justification: FY24 will be used to deploy of PADS CEIU to the three operational wings, the SMIC, and VSFB.

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles

**P-1 Line Item Number / Title:**  
MGBSD0 / Ground Based Strategic Deterrent

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0101233F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 493

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	42	43	45	504	634
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000	2,175.852	4,135.047	5,076.997	5,697.755	69,015.349	86,101.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000	541.755	3.220	3.220	0.000	0.000	548.195
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000	1,634.097	4,131.827	5,073.777	5,697.755	69,015.349	85,552.805
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	8.895	0.000	539.300	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	548.195
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>8.895</b>	<b>0.000</b>	<b>539.300</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>1,634.097</b>	<b>4,131.827</b>	<b>5,073.777</b>	<b>5,697.755</b>	<b>69,015.349</b>	<b>86,101.000</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	151.744	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	98.454	118.070	126.617	136.935	135.806

**Description:**

On January 18, 2024, the USECAF notified Congress that the Sentinel program experienced a critical Program Acquisition Unit Cost (PAUC) breach. The cost and schedule estimates are from the December 2023 Program Office Estimate, which served as the basis for the Nunn-McCurdy breach. Program schedule milestones and events are currently under review in accordance with the Nunn-McCurdy process. Updates to the milestone/event schedule will be provided once the required Nunn-McCurdy analyses are completed.

To differentiate between Sentinel Systems Directorate and the Ground Based Strategic Deterrent (GBSD) now known as the Sentinel program, the GBSD program has been designated as the LGM-35A Sentinel. The LGM-35A Sentinel incorporates the Sentinel weapon system which is called out in related Sentinel System Directorate portfolio programs that includes Intercontinental Ballistic Missile (ICBM) Reentry Vehicles and ICBM Fuze Modernization.

The LGM-35A Sentinel will produce and deploy a replacement for the current Minuteman III (MM III) Intercontinental Ballistic Missile (ICBM) weapon system in order to maintain a safe, secure, reliable, and effective nuclear deterrent. The LGM-35A Sentinel program delivers a fully integrated weapon system to lower lifecycle costs and to close key capability gaps and vulnerabilities identified in the LGM-35A Sentinel Capabilities Based Assessment, LGM-35A Sentinel Capabilities Development Document, and the LGM-35A Sentinel Analysis of Alternatives. Sentinel mitigates ground based deterrent degradation due to MM III component age-out and attrition. The LGM-35A Sentinel program includes prime contractor development of applicable support equipment, data, flight test hardware and infrastructure, and training systems material, as well as examination and mitigation of risk during the MM III to LGM-35A Sentinel transition. This program includes nuclear surety certification and system vulnerability assessments. Additionally, the LGM-35A Sentinel program funds all required developmental and operational test and evaluation activities to meet initial and full operational capability milestones including, but not limited to, developing, improving, and modernizing test capabilities essential to reaching those milestones when existing test capabilities are inadequate or non-existent.

During the Engineering and Manufacturing Development (EMD) phase, the LGM-35A Sentinel program executed 1) government system engineering, analytics, and test capability development; 2) air vehicle equipment development; 3) command & launch systems development; 4) infrastructure and deployment development; 5) support systems development; and 6) weapon system integration.

The Air Force -developed a new Aerospace Vehicle Equipment (AVE) (flight system) for the LGM-35A Sentinel weapon system to replace the MM III flight system. The LGM-35A Sentinel AVE consists of a boost propulsion subsystem, a post-boost propulsion subsystem, a guidance, navigation, and control (GN&C) subsystem, and a re-entry subsystem. The boost propulsion subsystem is comprised of a 3-stage solid rocket booster. The Air Force will procure the 3-stage rocket booster, interstage structures, and all associated test and support equipment. The post-boost propulsion subsystem (PBPS) is comprised of a liquid-fueled rocket propulsion system integrated into a post-boost attitude control module (PBACM) structure, as well as all guidance, navigation, and control components. The Air Force will procure the liquid fueled

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles		<b>P-1 Line Item Number / Title:</b> MGBSD0 / Ground Based Strategic Deterrent
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0101233F	<b>Other Related Program Elements:</b> N/A
<b>Line Item MDAP/MAIS Code:</b> 493		
<p>rocket propulsion system, post-boost attitude control module structure, the Guidance, Navigation, and Control (GN&amp;C) system, and all the associated test and support equipment. The Air Force will also procure reentry systems which include the payload deployment module and shroud.</p> <p>The Air Force will convert operational MM III Launch Centers (LC) and Launch Facilities (LF) across three wings to the LGM-35A Sentinel weapon system configuration. The weapons system components required as part of the overall conversion are integral for the successful deployment of the weapon system.</p> <p>The Air Force developed Command and Launch mission systems for the LGM-35A Sentinel weapon system. The Air Force is procuring command and control mission equipment for the Integrated Command Center, launch centers, launch facilities, and associated structures; ground mechanical systems and security systems; cryptologic and cryptographic systems; communications systems; associated ground hardware; ground control equipment; and associated equipment directly related to the survivability, monitoring, and launch of the flight system</p> <p>The Air Force developed new LGM-35A Sentinel support equipment including, but not limited to, the Transporter Erector, Payload Transporter, Missile Transporter, and Post Boost Altitude Control Module Transporter. The Air Force is procuring LGM-35A Sentinel Support Equipment and all transportation equipment.</p> <p>Milestone dates are subject to change due to acquisition strategy revisions. The event schedule updates will be provided once the revisions are completed.</p> <p>Funding for this exhibit is contained in PE 0101233F.</p>		

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles **P-1 Line Item Number / Title:** MGBSD0 / Ground Based Strategic Deterrent

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0101233F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 493

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Ground Based Strategic Deterrent		B		- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 0.000</b>

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

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

**Justification:**

No FY25 funds requested.

The program did request FY24 Advanced Procurement with a 2-year lead time.

The LGM-35A Sentinel will produce and deploy a replacement for the current Minuteman III (MM III) Intercontinental Ballistic Missile (ICBM) weapon system in order to maintain a safe, secure, reliable, and effective nuclear deterrent.

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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 4	<b>P-1 Line Item Number / Title:</b> MGBSD0 / Ground Based Strategic Deterrent	<b>Item Number / Title [DODIC]:</b> Ground Based Strategic Deterrent
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	0.000	0.000	-	0.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	8.895	0.000	539.300	0.000	-	0.000
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>8.895</b>	<b>0.000</b>	<b>539.300</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>

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

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

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - LGM-35A Sentinel Cost																		
Recurring Cost																		
LGM-35A Sentinel	-	-	0.000	-	-	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>0.000</i>
<i>Subtotal: Hardware - LGM-35A Sentinel Cost</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	<i>0.000</i>	-	-	-	-	-	<i>0.000</i>
<b>Gross/Weapon System Cost</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	<b>0.000</b>	-	-	-	-	-	<b>0.000</b>



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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles	<b>P-1 Line Item Number / Title:</b> MGBSD0 / Ground Based Strategic Deterrent
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Program Elements for Code B Items: 0101233F	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 493

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	8.895	0.000	539.300	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	548.195
Net Procurement (P-1) ( <i>\$ in Millions</i> )	8.895	0.000	539.300	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	548.195
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>8.895</b>	<b>0.000</b>	<b>539.300</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>548.195</b>

**Description:**

On January 18, 2024, the USECAF notified Congress that the Sentinel program experienced a critical Program Acquisition Unit Cost (PAUC) breach.

To differentiate between Sentinel Systems Directorate and the Ground Based Strategic Deterrent (GBSD) now known as the Sentinel program, the GBSD program has been designated as the LGM-35A Sentinel. The LGM-35A Sentinel incorporates the Sentinel weapon system which is called out in related Sentinel System Directorate portfolio programs that includes Intercontinental Ballistic Missile (ICBM) Reentry Vehicles and ICBM Fuze Modernization.

The LGM-35A Sentinel program will produce and deploy a replacement for the current Minuteman III (MM III) Intercontinental Ballistic Missile (ICBM) weapon system in order to maintain a safe, secure, reliable, and effective nuclear deterrent. The LGM-35A Sentinel program delivers a fully integrated weapon system to lower lifecycle costs and to close key capability gaps and vulnerabilities identified in the LGM-35A Sentinel Capabilities Based Assessment, LGM-35A Sentinel Capabilities Development Document, and the LGM-35A Sentinel Analysis of Alternatives. LGM-35A Sentinel mitigates ground based deterrent degradation due to MM III component age-out and attrition. The Air Force will convert MM III Launch Centers (LC) and Launch Facilities (LF) to the Sentinel weapon system configuration across three operational wings. The weapons system components required as part of the overall conversion are integral for the successful deployment of the weapon system.

Advanced Procurement materials and components will be identified and scoped throughout the EMD phase of the program. The Air Force is procuring Stage 1, 2, and 3 motors with associated subcomponent assemblies. The Air Force is procuring Stage 1 / 2 separation linear shaped charge and Stage 2 / 3 separation linear shaped charge as well as the stage 1, 2, and 3 thrust vector controls (TVC). The Air Force is utilizing advanced procurement to purchase the required long lead Solid Rocket Motor (SRM) Material and Components for the Air Vehicle (AVE) Booster, Post Boost Propulsion System (PBPS), Post-Boost Attitude Control Module (PBACM), Stage 3 Separation Ring (S3SR), and Flexible Confined Detonating Cord (FCDC) Assembly subcomponents to include but not limited to the motors, propellant tanks, pressure tanks, valve injectors, harnesses, and gimbal ring forgings.

The advance procurement purchases the Inertial Measurement Unit (IMU) and Navigation Inertial Measurement System (NIMS) long lead items to ensure proper development and support on-time system deployment. Additionally, circuit card assembly (CCAs), application-specific integrated circuits (ASICs), Velocity Subsystems and accelerometer long lead hardware will be purchased. The advance procurement will include the purchase of critical radiation hardened parts.

The advance procurement purchases the Missile Guidance Computer (MGC) and electronics long lead items to ensure proper development and support on-time system deployment. The advance procurement will include the purchase of critical radiation hardened parts.

The advance procurement purchases Command and Launch mission equipment, modules and materials for Weapon System Structures. Operational Launch Facilities (LF), Launch Centers (LC), and Integrated Command Center (ICC) construction will begin after Milestone C approval using a combination of Procurement and MILCON appropriations. The advance procurement includes LF mission equipment and materials, LC mission equipment and materials, utility corridor, ICC mission equipment.

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles	<b>P-1 Line Item Number / Title:</b> MGBSD0 / Ground Based Strategic Deterrent
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<b>Program Elements for Code B Items:</b> 0101233F	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** 493

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	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	Ground Based Strategic Deterrent			- / 8.895	- / 0.000	- / 539.300	- / 0.000	- / -	- / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 8.895</b>	<b>- / 0.000</b>	<b>- / 539.300</b>	<b>- / 0.000</b>	<b>- / -</b>	<b>- / 0.000</b>

\*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:**

No FY25 funds requested

The LGM-35A Sentinel Acquisition Decision Memorandum, dated 27 March 2023 authorized program advance procurement for Low-Rate Initial Production (LRIP) Lot 1 items for LRIP Lots 1-3, including associated AP, and modification of the Acquisition Strategy to preserve Initial Operational Capability. Requirements may include, but are not limited to, Solid Rocket Motor material and components, Inertial Measurement Unit (IMU) Electronics, Navigation Inertial Measurement System (NIMS) electronics, Circuit Card Assembly (CCA) and Application-Specific Integrated Circuit (ASIC), Flexible Confined Detonating Cord (FCDC) Missile Guidance Computer (MGC) and Electronics, Accelerometer, Booster and Post Boost Propulsion System (PBPS), Post-Boost Attitude Control Module (PBACM), and Weapon System Structures (LF/LC/CSB/ICC) equipment, modules, and material.

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 4	<b>P-1 Line Item Number / Title:</b> MGBSD0 / Ground Based Strategic Deterrent	<b>P-5 Number / Title:</b> Ground Based Strategic Deterrent
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<b>First System (2025) Award Date:</b> June 2025	<b>First System (2025) Completion Date:</b> June 2028	<b>Interval Between Systems:</b> 0 Months
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<b>Ground Based Strategic Deterrent</b>	<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2023</b> <i>(Each)</i>	<b>FY 2024</b> <i>(Each)</i>	<b>FY 2025</b> <i>(Each)</i>
Quantity	30	-	-	-	-

<b>Cost Elements</b>	<b>When Required</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025</b> <i>(\$ M)</i>
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<b>GFE</b>					
LGM-35A Sentinel: KS-75 Cryptographic Device	24	8.895	-	-	0.000
LGM-35A Sentinel: Solid Rocket Motor (SRM) Material and Components	30	-	-	286.095	0.000
LGM-35A Sentinel: Missile Guidance Computer (MGC)	30	-	-	40.633	0.000
LGM-35A Sentinel: Launch Facility (LF) - Mission Equipment, Modules and Materials	30	-	-	27.300	0.000
LGM-35A Sentinel: Flexible Confined Detonating Cord (FCDC) Assembly	29	-	-	2.164	0.000
LGM-35A Sentinel: IMU/NIMS Electronics (CCAs, ASICS)	30	-	-	51.114	0.000
LGM-35A Sentinel: Guidance Computer Electronics	28	-	-	100.037	0.000
LGM-35A Sentinel: Velocity Subsystem Electronics (CCAs, Accelerometer)	30	-	-	31.957	0.000
<i>Total: GFE</i>		8.895	-	539.300	0.000
<b>Total Advance Procurement/Obligation Authority</b>		<b>8.895</b>	<b>0.000</b>	<b>539.300</b>	<b>0.000</b>

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 4	<b>P-1 Line Item Number / Title:</b> MGBSD0 / Ground Based Strategic Deterrent	<b>P-5 Number / Title:</b> Ground Based Strategic Deterrent
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>GFE</b>							
LGM-35A Sentinel: KS-75 Cryptographic Device	-						0.000
LGM-35A Sentinel: Solid Rocket Motor (SRM) Material and Components	-						0.000
LGM-35A Sentinel: Missile Guidance Computer (MGC)	-						0.000
LGM-35A Sentinel: Launch Facility (LF) - Mission Equipment, Modules and Materials	-						0.000
LGM-35A Sentinel: Flexible Confined Detonating Cord (FCDC) Assembly	-						0.000
LGM-35A Sentinel: IMU/NIMS Electronics (CCAs, ASICS)	-						0.000
LGM-35A Sentinel: Guidance Computer Electronics	-						0.000
LGM-35A Sentinel: Velocity Subsystem Electronics (CCAs, Accelerometer)	-						0.000
<i>Total: GFE</i>							<i>0.000</i>
<b>Total Advance Procurement/Obligation Authority</b>							<b>0.000</b>

**Description:**  
Requirements may include, but are not limited to, Solid Rocket Motor material and components, Inertial Measurement Unit (IMU) Electronics, Navigation Inertial Measurement System (NIMS) electronics, Circuit Card Assembly (CCA) and Application-Specific Integrated Circuit (ASIC), Flexible Confined Detonating Cord (FCDC) Missile Guidance Computer (MGC) and Electronics, Accelerometer, Booster and Post Boost Propulsion System (PBPS), Post-Boost Attitude Control Module (PBACM), and Weapon System Structures (LF/LC/CSB/ICC) equipment, modules, and material.

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles

**P-1 Line Item Number / Title:**  
MK21A0 / Mk21A Reentry Vehicle

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0101328F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 576

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	4	40	382	426
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	26.156	-	26.156	30.180	28.816	73.689	291.106	1,822.964	2,272.911
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	-	0.000	0.000	0.000	10.720	79.020	560.151	649.891
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	26.156	-	26.156	30.180	28.816	62.969	212.086	1,262.813	1,623.020
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	-	0.000	10.720	79.020	86.376	125.050	348.725	649.891
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>0.000</b>	<b>0.000</b>	<b>26.156</b>	-	<b>26.156</b>	<b>40.900</b>	<b>107.836</b>	<b>149.345</b>	<b>337.136</b>	<b>1,611.538</b>	<b>2,272.911</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	1.200	12.271	97.914	111.385
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	18.422	7.278	4.772	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	18.422	7.278	4.772	5.335

**Description:**

The Mk21A Reentry Vehicle (RV) program will design, develop, produce, and deploy an integrated RV capable of delivering the W87-1 warhead when released from the LGM-35A Sentinel weapon system. The Mk21A program will provide needed performance and security enhancements over the Mk21 RV to meet the upgraded requirements for the Department of Energy/National Nuclear Security Administration W87-1 warhead, while ensuring the time certain delivery of both the W87-1 and Mk21A programs. The Mk21A will also meet the requirements laid out in the LGM-35A Sentinel weapon system Capability Development Document (CDD) as directed by Air Force Global Strike Command. The Mk21A RV includes: shape stable nose tip; high impulse transducer; arming and fuzing subsystem (AFS); aeroshell forward section, body section, and rear cover; radio frequency subsystem with antennas; RV spin subsystem; in-flight disconnect cable; and other electrical cables.

**Heatshield Life of Type Buy (LOTB):**

In FY 2025, the Air Force plans to execute a LOTB to procure and process the heatshield materials to reduce supplier risks in the industrial base.

IAW 10 USC 4252, this program has not yet fully satisfied the certification requirement that the heatshield technology has been demonstrated in a relevant environment as required prior to Milestone B approval. The Mk21A uses similar materials and process as currently fielded and should have the necessary data to certify the demonstration in 1QFY25.

Funding for this exhibit contained in PE 0101328F.

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

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 4: Ballistic Missiles **P-1 Line Item Number / Title:** MK21A0 / Mk21A Reentry Vehicle

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0101328F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 576

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Mk21A Reentry Vehicle		B		- / -	- / 0.000	- / 0.000	- / 26.156	- / -	- / 26.156
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / -</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 26.156</b>	<b>- / -</b>	<b>- / 26.156</b>

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

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

**Justification:**

This program is a new start.

Heatshield Life of Type Buy (LOTB):

In FY 2025, the Air Force plans to execute a LOTB to procure and process the heatshield materials to reduce supplier risks in the industrial base.

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>					<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 01 / 4			<b>P-1 Line Item Number / Title:</b> MK21A0 / Mk21A Reentry Vehicle			<b>Item Number / Title [DODIC]:</b> Mk21A Reentry Vehicle		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>				
<b>Resource Summary</b>			<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Procurement Quantity ( <i>Units in Each</i> )			-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )			-	0.000	0.000	26.156	-	26.156
Less PY Advance Procurement ( <i>\$ in Millions</i> )			-	0.000	0.000	0.000	-	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )			-	0.000	0.000	26.156	-	26.156
Plus CY Advance Procurement ( <i>\$ in Millions</i> )			-	0.000	0.000	0.000	-	0.000
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )			-	<b>0.000</b>	<b>0.000</b>	<b>26.156</b>	-	<b>26.156</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>								
Initial Spares ( <i>\$ in Millions</i> )			-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )			-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware - Mk21A Reentry Vehicle Cost																		
Non Recurring Cost																		
Heatshield Material	-	-	-	-	-	0.000	-	-	0.000	-	-	26.156	-	-	-	-	-	26.156
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.000	-	-	0.000	-	-	26.156	-	-	-	-	-	26.156
<i>Subtotal: Hardware - Mk21A Reentry Vehicle Cost</i>	-	-	-	-	-	0.000	-	-	0.000	-	-	26.156	-	-	-	-	-	26.156
<b>Gross/Weapon System Cost</b>	-	-	-	-	-	0.000	-	-	0.000	-	-	26.156	-	-	-	-	-	26.156

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 1: Strategic **P-1 Line Item Number / Title:** MLRSO1 / Long Range Stand-Off Weapon

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0101238F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 489

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	31.454	66.816	70.335	-	70.335	295.523	1,214.934	1,685.006	2,210.506	4,211.553	9,786.127
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	0.000	-	0.000	0.000	140.000	0.000	0.000	-	140.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	31.454	66.816	70.335	-	70.335	295.523	1,074.934	1,685.006	2,210.506	4,211.553	9,646.127
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	140.000	-	140.000	0.000	0.000	0.000	0.000	-	140.000
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>31.454</b>	<b>66.816</b>	<b>210.335</b>	-	<b>210.335</b>	<b>295.523</b>	<b>1,074.934</b>	<b>1,685.006</b>	<b>2,210.506</b>	<b>4,211.553</b>	<b>9,786.127</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The purpose of this program is to conduct and support United States Air Force (USAF) and Joint Department of Defense (DoD) / Department of Energy (DOE) acquisition activities for the modernization of nuclear weapons.

The Long Range Stand-Off (LRSO) Cruise Missile is a long-range survivable stand-off weapon capable of delivering lethal nuclear effect on strategic targets. The LRSO weapon system will replace the currently fielded Air Launched Cruise Missile (ALCM) and will be integrated on both legacy and future bomber aircraft. The LRSO weapon system will be capable of penetrating and surviving advanced Integrated Air Defense Systems (IADS) from significant stand-off range to prosecute strategic targets in support of the Air Force's global attack capability and strategic deterrence core function.

Threshold and objective aircraft are defined in the program's Capabilities Development Document (CDD) approved by the Joint Requirements Oversight Council (JROC) in August 2020.

Funds may be used to address emerging or short-notice Diminishing Manufacturing Sources and Material Shortage (DMSMS), and supply chain issues.

The program is conducting Engineering and Manufacturing Development (EMD) tasks to meet validated requirements to support Development and Operational Testing and Production Readiness.

The LRSO program will include prime contractor development and production/delivery of cruise missiles, applicable support equipment, data, flight test hardware and infrastructure, and training systems while examining and mitigating risk during the ALCM to LRSO transition.

The program includes necessary nuclear surety and certification activities, and vulnerability assessments.

FY2023-2026 procurement funds will be used to purchase ancillary equipment, warhead support equipment and field trainers required to be in place for Initial Nuclear Surety Inspection (INSI). The INSI must be accomplished prior to fielding the weapon system and attaining Initial Operational Capability.

FY25 procurement funds will be used to purchase components required for Radiation Lot Acceptance Testing (RLAT) in conjunction with the long lead components purchased with Advance Procurement. Additionally FY25 procurement funds will be used for contractor activities related to RLAT and Advance Procurement.

Advance procurement is required for the purchase of long lead items for the LRSO cruise missile prior to entry into Milestone C.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 1: Strategic		<b>P-1 Line Item Number / Title:</b> MLRSO1 / Long Range Stand-Off Weapon
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0101238F	<b>Other Related Program Elements:</b> N/A
<b>Line Item MDAP/MAIS Code:</b> 489		

The Milestone C decision is planned in 3QFY2027, followed by Low Rate Initial Production contract award.  
Funding for this exhibit contained in PE 0101238F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 1: Strategic **P-1 Line Item Number / Title:** MLRSO1 / Long Range Stand-Off Weapon

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0101238F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 489

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Long Range Stand-Off Weapon		B		- / -	- / 31.454	- / 66.816	- / 70.335	- / -	- / 70.335
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				- / -	- / 31.454	- / 66.816	- / 70.335	- / -	- / 70.335

\*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 LRSO program has achieved Milestone B and has entered Engineering and Manufacturing Development (EMD).  
 It is conducting EMD tasks to verify and validate requirements prior to production initiation and includes necessary nuclear surety and certification activities, and vulnerability assessments.  
 FY2023-2026 procurement funds will be used to purchase ancillary equipment, warhead support equipment and field trainers required to be in place for initial Nuclear Surety Inspection (INSI). The INSI must be accomplished prior to fielding the weapon system and attaining Initial Operational Capability.  
 Funds may be used to address emerging or short-notice Diminishing Manufacturing Sources and Material Shortage (DMSMS), and supply chain issues.  
 The Air Force is making a Life-of-Type Buy (LOTB) through the Department of Energy (DOE) for support equipment and handling items associated with the warhead.  
 Additional detailed information is classified and can be provided at higher classification levels. For further information, please contact SAF/AQPN.

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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 1	<b>P-1 Line Item Number / Title:</b> MLRSO1 / Long Range Stand-Off Weapon	<b>Item Number / Title [DODIC]:</b> Long Range Stand-Off Weapon
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	31.454	66.816	70.335	-	70.335
Less PY Advance Procurement (\$ in Millions)	-	0.000	0.000	0.000	-	0.000
Net Procurement (P-1) (\$ in Millions)	-	31.454	66.816	70.335	-	70.335
Plus CY Advance Procurement (\$ in Millions)	-	0.000	0.000	140.000	-	140.000
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>31.454</b>	<b>66.816</b>	<b>210.335</b>	-	<b>210.335</b>

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

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

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Hardware - Long Range Stand-Off Weapon Cost</b>																		
Non Recurring Cost																		
Engineering Change Orders	-	-	-	-	-	4.525	-	-	37.962	-	-	26.075	-	-	-	-	-	26.075
RLAT	-	-	-	-	-	-	-	-	-	-	10.913	-	-	-	-	-	10.913	
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	4.525	-	-	37.962	-	-	36.988	-	-	-	-	36.988	
<i>Subtotal: Hardware - Long Range Stand-Off Weapon Cost</i>	-	-	-	-	-	4.525	-	-	37.962	-	-	36.988	-	-	-	-	36.988	
<b>Ancillary Equipment - Long Range Stand-Off Weapon Cost</b>																		
Non Recurring Cost																		
Warhead Trainers	-	-	-	-	-	26.929	-	-	28.854	-	-	16.032	-	-	-	-	-	16.032
Tooling & Test Equipment	-	-	-	-	-	-	-	-	-	-	3.657	-	-	-	-	-	3.657	
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	26.929	-	-	28.854	-	-	19.689	-	-	-	-	19.689	
<i>Subtotal: Ancillary Equipment - Long Range Stand-Off Weapon Cost</i>	-	-	-	-	-	26.929	-	-	28.854	-	-	19.689	-	-	-	-	19.689	
<b>Support - Long Range Stand-Off Weapon Cost</b>																		
Contractor Support	-	-	-	-	-	-	-	-	-	-	-	13.658	-	-	-	-	-	13.658
<i>Subtotal: Support - Long Range Stand-Off Weapon Cost</i>	-	-	-	-	-	-	-	-	-	-	-	13.658	-	-	-	-	13.658	

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>												<b>Date:</b> March 2024					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 1						<b>P-1 Line Item Number / Title:</b> MLRSO1 / Long Range Stand-Off Weapon						<b>Item Number / Title [DODIC]:</b> Long Range Stand-Off Weapon					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B									<b>MDAP/MAIS Code:</b>								

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost	-	-	-	-	-	31.454	-	-	66.816	-	-	70.335	-	-	-	-	-	70.335

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 1: Strategic	<b>P-1 Line Item Number / Title:</b> MLRSO1 / Long Range Stand-Off Weapon
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<b>Program Elements for Code B Items:</b> 0101238F	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** 489

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	0.000	140.000	-	140.000	0.000	0.000	0.000	0.000	-	140.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	0.000	140.000	-	140.000	0.000	0.000	0.000	0.000	-	140.000
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.000</b>	<b>0.000</b>	<b>140.000</b>	-	<b>140.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>140.000</b>

**Description:**

The purpose of this program is to conduct and support United States Air Force (USAF) and Joint Department of Defense (DoD) / Department of Energy (DOE) acquisition activities for the modernization of nuclear weapons.

The Long Range Stand-Off (LRSO) Cruise Missile is a long-range survivable stand-off weapon capable of delivering lethal nuclear effect on strategic targets. The LRSO weapon system will replace the currently fielded Air Launched Cruise Missile (ALCM) and will be integrated on both legacy and future bomber aircraft. The LRSO weapon system will be capable of penetrating and surviving advanced Integrated Air Defense Systems (IADS) from significant stand-off range to prosecute strategic targets in support of the Air Force's global attack capability and strategic deterrence core function.

Threshold and objective aircraft are defined in the program's Capabilities Development Document (CDD) approved by the Joint Requirements Oversight Council (JROC) in August 2020.

Funds may be used to address emerging or short-notice Diminishing Manufacturing Sources and Material Shortage (DMSMS), and supply chain issues.

The program is conducting Engineering and Manufacturing Development (EMD) tasks to meet validated requirements to support Development and Operational Testing and Production Readiness.

The LRSO program will include prime contractor development and production/delivery of cruise missiles, applicable support equipment, data, flight test hardware and infrastructure, and training systems while examining and mitigating risk during the ALCM to LRSO transition.

The program includes necessary nuclear surety and certification activities, and vulnerability assessments.

Advance procurement is required for the purchase of long lead items for the LRSO cruise missile prior to entry into Milestone C.

The Milestone C decision is planned in 3QFY2027, followed by Low Rate Initial Production contract award.

Funding for this exhibit contained in PE 0101238F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 1: Strategic **P-1 Line Item Number / Title:** MLRSO1 / Long Range Stand-Off Weapon

**Program Elements for Code B Items:** 0101238F **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 489

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	Long Range Stand-Off Weapon			- / -	- / 0.000	- / 0.000	- / 140.000	- / -	- / 140.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			- / -	- / 0.000	- / 0.000	- / 140.000	- / -	- / 140.000

\*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 LRSO program has achieved Milestone B and has entered Engineering and Manufacturing Development (EMD). It is conducting EMD tasks to verify and validate requirements prior to production initiation and includes necessary nuclear surety and certification activities, and vulnerability assessments.

Advance procurement is required for the purchase of long lead items for the LRSO cruise missile prior to entry into Milestone C.

Funds may be used to address emerging or short-notice Diminishing Manufacturing Sources and Material Shortage (DMSMS), and supply chain issues.

Additional detailed information is classified and can be provided at higher classification levels. For further information, please contact SAF/AQPN.



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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2025 Air Force					<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 1		<b>P-1 Line Item Number / Title:</b> MLRSO1 / Long Range Stand-Off Weapon			<b>P-5 Number / Title:</b> Long Range Stand-Off Weapon	
<b>First System (2025) Award Date:</b> November 2024		<b>First System (2025) Completion Date:</b> April 2028		<b>Interval Between Systems:</b> 1 Months		
<b>Long Range Stand-Off Weapon</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2023</b> <i>(Each)</i>	<b>FY 2024</b> <i>(Each)</i>	<b>FY 2025</b> <i>(Each)</i>
Quantity			-	-	-	-
<b>Cost Elements</b>		<b>When Required</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025</b> <i>(\$ M)</i>
<b>CFE</b>						
MLRSO1 AP: Long Lead Various (†)		1	-	-	-	140.000
<i>Total: CFE</i>			-	-	-	140.000
<b>Total Advance Procurement/Obligation Authority</b>			-	<b>0.000</b>	<b>0.000</b>	<b>140.000</b>

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 1	<b>P-1 Line Item Number / Title:</b> MLRSO1 / Long Range Stand-Off Weapon	<b>P-5 Number / Title:</b> Long Range Stand-Off Weapon
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>CFE</b>							
MLRSO1 AP: Long Lead Various <sup>(†)</sup>	-						140.000
<i>Total: CFE</i>							<i>140.000</i>
<b>Total Advance Procurement/Obligation Authority</b>							<b>140.000</b>

**Description:**

Advance procurement is required for the purchase of long lead items for the LRSO cruise missile prior to entry into Milestone C.

The production lead time for all the long lead components is 32 months. The advance procurement funding for all components has a forecasted contract award date of November 2024.

Due to classification level we are unable to provide all data in this document. Will provide additional details upon request through appropriate channels.

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

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** 222000 / Replac Equip & War Consumables

**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

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	30.510	37.318	6.533	-	6.533	12.505	11.738	1.517	1.545	-	101.666
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	30.510	37.318	6.533	-	6.533	12.505	11.738	1.517	1.545	-	101.666
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>30.510</b>	<b>37.318</b>	<b>6.533</b>	-	<b>6.533</b>	<b>12.505</b>	<b>11.738</b>	<b>1.517</b>	<b>1.545</b>	-	<b>101.666</b>

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

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

**Description:**

Common Munitions BIT Reprogramming Equipment (CMBRE) Service Life Extension Program (SLEP) is a critical program replacing a legacy system fielded in the 1990s utilizing floppy drives and a DOS/Win XP operating system. The CMBRE SLEP program will mitigate the effects and risk associated with a growing list of 20+ obsolete components, outdated technology, and insufficient cybersecurity outlined in Red Team and POA&M findings in order to sustain current capabilities. CMBRE SLEP will effectively support the 20+ smart munitions and weapon systems currently fielded for the warfighter today, as well as advanced systems currently in development. CMBRE SLEP is needed to verify weapons built-in test status, reprogram operational flight data, and up/download mission and GPS data.

**Cruise Missile Automatic Test System (CM-ATS)**

The CM-ATS is a nuclear certified tester designed to test the AGM-86 Cruise Missile fleet, the B-2 RLA, and associated Carrier Aircraft Equipment (CAE) used to launch missiles.

Funding for this exhibit is contained in PE 0701212F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** 222000 / Replac Equip & War Consumables

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Replac Equip & War Consumables				- / -	- / 30.510	- / 37.318	- / 6.533	- / -	- / 6.533
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / -</b>	<b>- / 30.510</b>	<b>- / 37.318</b>	<b>- / 6.533</b>	<b>- / -</b>	<b>- / 6.533</b>

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

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

**Justification:**  
 Funds are required for the Common Munitions BIT Reprogramming Equipment (CMBRE) Service Life Extension Program (SLEP) and the Cruise Missile Automatic Test System (CM-ATS).  
 Funds will be used to procure and recapitalize the ATS Product Group which consists of: Armament and Stores ATS and Software Loader/Verifier and Built-in-Test 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.  
 Funds are required in order to upgrade the CMBRE and CM-ATS system. CMBRE is comprised of three major components that must be replaced: Digital Computer System Assembly (DCSA), Test Adapter Unit (TAU), and ADU. There will be no test capability for smart munitions and Bomber Rack Unit, BRU-61, for fighter aircraft if upgrades are not complete.  
 CMBRE Tester is used to initiate built-in test (BIT), reprogram the Operational Flight Programs (OFPs) for MIL-STD-1760/Non-1760 smart bombs and missiles, upload mission planning, and upload/download Global Positioning System (GPS) crypto keys.  
 CMBRE SLEP breaks vendor lock, allowing the Government to own full data rights and the technical data package (TDP). It also addresses obsolescence and cyber security issues.  
 The CM-ATS is a nuclear certified tester designed to test the AGM-86 Cruise Missile fleet, the B-2 Rotary Launcher Assembly (RLA), and associated Carrier Aircraft Equipment (CAE) used to launch missiles.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** 222000 / Replac Equip & War Consumables **Aggregated Items Title:** Replac Equip & War Consumables

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>ARMAMENT AND STORES</b>																				
CRUISE MISSILE ATS	A		-	-	-	-	-	-	-	-	0.991	1	0.991	-	-	-	0.991	1	0.991	
<b>Subtotal: ARMAMENT AND STORES</b>			-	-	-	-	-	-	-	-	-	-	0.991	-	-	-	-	-	0.991	
<b>SOFTWARE LOADER VERIFIER AUTOMATIC TEST SYSTEMS</b>																				
DCSA PRODUCTION UNITS (CMBRE CE / SLEP)	A		-	-	-	15.481	1	15.481	0.097	350	33.818	-	-	-	-	-	-	-	-	
Munition Application Program (MAPs) (CMBFRE CE/SLEP)	A		-	-	-	10.119	1	10.119	3.000	1	3.000	-	-	-	-	-	-	-	-	
ICS (CMBRE CE/ SLEP)	A		-	-	-	-	-	4.410	-	-	0.000	3.465	1	3.465	-	-	-	3.465	1	3.465
Program Management Administration (PMA)	A		-	-	-	0.500	1	0.500	0.500	1	0.500	0.077	1	0.077	-	-	-	0.077	1	0.077
CMBRE	A		-	-	-	-	-	-	-	-	-	2.000	1	2.000	-	-	-	2.000	1	2.000
<b>Subtotal: SOFTWARE LOADER VERIFIER AUTOMATIC TEST SYSTEMS</b>			-	-	-	-	-	30.510	-	-	37.318	-	-	5.542	-	-	-	-	-	5.542
<b>Total</b>			-	-	-	-	-	30.510	-	-	37.318	-	-	6.533	-	-	-	-	-	6.533

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

**Remarks:**

FY23/24/25 funds used to procure and recapitalize the ATS Product Group which consists of: Armament and Stores ATS and Software Loader/Verifier and Built-in-Test 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. Testers include Common Munitions BIT Reprogramming Equipment Plus (CMBRE), Common Munitions Built in Test Reprogramming Equipment Cyber Enhanced / Service Life Extension Program (CMBRE CE/CMBRE SLEP), Cruise Missile Automatic Test Systems and any program management administration (PMA) or procurement efforts associated with this product group.

Common Munitions BIT Reprogramming Equipment (CMBRE) Service Life Extension Program / has involved into the CMBRE Cyber Enhanced (SLEP/CE) test and is utilized to initiate BIT and reprogram MIL-STD-1760/Non-1760 smart bombs and missiles.

Provides BIT status, upload/download and verification of applicable software including:

Operational Flight Programs (OFPs), mission planning and/or Global Positioning System (GPS) crypto keys, preflight of smart munitions.

The Cruise Missile - Automatic Test System is a nuclear certified tester designed to test the AGM-86 Cruise Missile fleet, the B-2 RLA, and associated Carrier Aircraft Equipment (CAE) used to launch missiles.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** JASSM0 / Joint Air-Surface Standoff Missile

**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:** 555

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	4,970	600	550	550	-	550	542	540	554	554	-	8,860
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	5,822.825	834.971	915.996	1,047.469	-	1,047.469	1,003.611	1,011.509	1,033.228	867.157	-	12,536.766
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	0.000	0.000	222.418	-	222.418	182.418	182.418	182.418	0.000	-	769.672
Net Procurement (P-1) ( <i>\$ in Millions</i> )	5,822.825	834.971	915.996	825.051	-	825.051	821.193	829.091	850.810	867.157	-	11,767.094
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	0.000	0.000	769.672	0.000	-	0.000	0.000	0.000	0.000	0.000	-	769.672
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>5,822.825</b>	<b>834.971</b>	<b>1,685.668</b>	<b>825.051</b>	<b>-</b>	<b>825.051</b>	<b>821.193</b>	<b>829.091</b>	<b>850.810</b>	<b>867.157</b>	<b>-</b>	<b>12,536.766</b>

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

Initial Spares ( <i>\$ in Millions</i> )	2.542	0.469	0.482	0.490	-	0.490	0.496	0.505	0.516	0.526	-	6.026
Flyaway Unit Cost ( <i>\$ in Millions</i> )	0.949	1.239	1.365	1.560	-	1.560	1.660	1.678	1.699	1.439	-	1.198
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	1.172	1.392	1.665	1.904	-	1.904	1.852	1.873	1.865	1.565	-	1.415

**Description:**

The Joint Air-to-Surface Standoff Missile (JASSM) is an ACAT 1D program. This program provides a long range, conventional air-to-surface, autonomous, precision guided, standoff cruise missile compatible with fighter and bomber aircraft able to attack a variety of fixed or relocatable targets. The JASSM family of missiles includes: JASSM Baseline (JASSM-BL/AGM-158A) and JASSM Extended Range (JASSM-ER/AGM-158B, JASSM-ER/AGM-158B-2, JASSM-ER/AGM-158B-3, and JASSM-ER/AGM-158D).

In the FY 2024 budget, the Department initiated a Multi-year Procurement (MYP) strategy for; JASSM and LRASM, under the Large Lot Procurement (LLP) concept in which individual MYPs are executed in a concurrent and overlapping multi-year strategy so that synergies in production across different but related programs generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, leveraging the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields.

In the FY 2025 budget, the Department will be in the second year of the MYP.

The AGM-158A, B, and B-2 are fielded. The AGM-158B-3 and D are in development. The variants in development will be gradually inserted into the production line as a new missile build once ready. Missiles accepted by the Air Force will not be returned for modification to the newest variant.

The AGM-158B-2 replaces obsolete components and provides a new electronic fuze, a new Global Positioning System (GPS) receiver, an upgraded Missile Control Unit (MCU), and enhanced software. AGM-158B-2 began a gradual production cut-in starting in Lot 19/FY21 funding year. AGM-158B-3 provides M-code capability. AGM-158B-3 began a gradual production cut-in starting in Lot 22/FY24 funding year. AGM-158D provides Weapon Data Link (WDL) capability to re-target the missile, post-launch, against relocatable or higher priority targets during mission execution. AGM-158D was originally planned for a Lot 20/FY22 cut-in but has slipped 2 years to Lot 22/FY24 funding year to support joint interoperability requirements. Efforts also include, but are not limited to, production cut-in of alternate communication methods, architectures and waveforms to advance missile capabilities against emerging targets.

FY25 Procurement fully funds the 23rd production lot. FY24 Procurement fully funds the 22nd production lot as well as AGM-158B-3 and AGM-158D Low Rate Initial Production (LRIP), provides advanced procurement for Lot 23, and Economic Order Quantities for Lots 22-26 under the MYP strategy. FY23 Procurement funds the 21st production lot.

Threshold aircraft is the B-1 and the objective aircrafts are the B-52, F-16, B-2, F-15E, and F-35. Aircraft integration for JASSM-BL/AGM-158A is complete on the B-52H, F-16 (Block 40-52), B-1, B-2, and F-15E. Aircraft integration for JASSM-ER/AGM-158B is complete on the B-1, B-2, F-15E, F-16 (Block 40-52), and B-52H. JASSM Lots 1 - 10 are covered under an Original Equipment Manufacture (OEM) warranty.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical		<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
<b>Line Item MDAP/MAIS Code:</b> 555		
<p>Lots 11 and beyond are covered under a Contractor Logistics Support (CLS) contract, and missile initial/replenishment spares program funds are required to fill the spare parts pipeline under this program. Procurement quantities are estimates only and fall within a range of quantities based on negotiations for each specific lot contract.</p> <p>Funding may be used to address Diminishing Manufacturing Sources (DMS) issues. The program also plans to use funds to address obsolescence issues and reliability improvement, including flight testing, through studies, bridge buys, life of type buys, supplier/parts replacement, to include electronic components used commercially and in short supply, and qualification activities to preserve future production capabilities and capacity.</p> <p>Funding for this exhibit is contained in PE 0207325F.</p>		



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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** JASSM0 / Joint Air-Surface Standoff Missile

**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:** 555

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Joint Air-Surface Standoff Missile	P-5a, P-21	A		4,970 / 5,822.825	600 / 834.971	550 / 915.996	550 / 1,047.469	- / -	550 / 1,047.469
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>4,970 / 5,822.825</b>	<b>600 / 834.971</b>	<b>550 / 915.996</b>	<b>550 / 1,047.469</b>	<b>- / -</b>	<b>550 / 1,047.469</b>

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

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

**Justification:**  
 FY25 funding totals include \$1,047.469M to procure 550 missiles  
 Full funding for every end item requesting advance procurement is included in the budget submission.  
 FY24 funding totals include \$915.996M to procure 550 missiles.  
 The increase in Test Support/Reliability/Obsolescence from FY24 to FY25 reflected in the P-5 is to fund increased Weapon System Evaluations, test instrumentation kits and batteries.  
 Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S. Code Section 3069 BUY-TO-BUDGET ACQUISITION.

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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	4,970	600	550	550	-	550
Gross/Weapon System Cost (\$ in Millions)	5,822.825	834.971	915.996	1,047.469	-	1,047.469
Less PY Advance Procurement (\$ in Millions)	0.000	0.000	0.000	222.418	-	222.418
Net Procurement (P-1) (\$ in Millions)	5,822.825	834.971	915.996	825.051	-	825.051
Plus CY Advance Procurement (\$ in Millions)	0.000	0.000	769.672	0.000	-	0.000
<b>Total Obligation Authority (\$ in Millions)</b>	<b>5,822.825</b>	<b>834.971</b>	<b>1,685.668</b>	<b>825.051</b>	<b>-</b>	<b>825.051</b>

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

Initial Spares (\$ in Millions)	2.542	0.469	0.482	0.490	-	0.490
Gross/Weapon System Unit Cost (\$ in Millions)	1.172	1.392	1.665	1.904	-	1.904

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Flyaway - Flyaway End Item Cost</b>																		
Recurring Cost																		
AGM-158B <sup>(1)</sup>	1.099	2,650	2,913.227	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-
Engineering Change Orders/ Tooling/Equipment Maintenance/Repairs/ M&S Support	-	-	60.817	-	-	17.687	-	-	31.310	-	-	35.770	-	-	-	-	-	35.770
AGM-158B-2 <sup>(1)</sup>	1.136	285	323.769	1.210	600	726.000	1.222	330	403.370	-	-	0.000	-	-	-	-	-	0.000
AGM-158B <sup>(1)</sup>	-	-	-	-	-	-	1.672	100	167.160	1.662	300	498.610	-	-	-	1.662	300	498.610
AGM-158B-3 <sup>(1)</sup>	-	-	-	-	-	-	1.242	120	148.990	1.294	250	323.540	-	-	-	1.294	250	323.540
AGM-158A	0.698	2,034	1,420.038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	4,717.851	-	-	743.687	-	-	750.830	-	-	857.920	-	-	-	-	-	857.920
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	4,717.851	-	-	743.687	-	-	750.830	-	-	857.920	-	-	-	-	-	857.920
<b>Support - Joint Air-Surface Standoff Missile Cost</b>																		
Program Support Costs (PSC) Contractor Services	-	-	65.735	-	-	6.721	-	-	4.820	-	-	4.940	-	-	-	-	-	4.940
Program Support Costs (PSC) Other Government Costs	-	-	32.832	-	-	2.600	-	-	4.210	-	-	4.310	-	-	-	-	-	4.310
Test Support/Reliability/Obsolescence	-	-	660.887	-	-	69.004	-	-	70.786	-	-	99.042	-	-	-	-	-	99.042

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>												<b>Date:</b> March 2024					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2						<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile						<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A												<b>MDAP/MAIS Code:</b>					

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Prime Contractor Support	-	-	155.337	-	-	12.959	-	-	8.350	-	-	81.257	-	-	-	-	-	81.257
Facilitization	-	-	140.657	-	-	-	-	-	77.000	-	-	-	-	-	-	-	-	-
New Factory/Ramp-up	-	-	49.526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Joint Air-Surface Standoff Missile Cost</i>	-	-	<b>1,104.974</b>	-	-	<b>91.284</b>	-	-	<b>165.166</b>	-	-	<b>189.549</b>	-	-	-	-	-	<b>189.549</b>
<b>Gross/Weapon System Cost</b>	<b>1.172</b>	<b>4,970</b>	<b>5,822.825</b>	<b>1.392</b>	<b>600</b>	<b>834.971</b>	<b>1.665</b>	<b>550</b>	<b>915.996</b>	<b>1.904</b>	<b>550</b>	<b>1,047.469</b>	-	-	-	<b>1.904</b>	<b>550</b>	<b>1,047.469</b>

**Remarks:**

FY25 prime contractor funding supports engineering practices to increase producibility, capability, and affordability, and to improve engineering and manufacturing processes of existing and future units when applicable. \$77M requested in FY24 for Defense Industrial Base (DIB) Expansion to increase production capacity for JASSM.

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

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<b>Exhibit P-5a, Procurement History and Planning: PB 2025 Air Force</b>							<b>Date: March 2024</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2			<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile				<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile				

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
AGM-158B <sup>(†)</sup>		2021	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Jul 2022	Feb 2024	360	0.995	Y		Mar 2020
AGM-158B <sup>(†)</sup>		2022	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2023	Feb 2025	280	1.123	Y		Jun 2021
AGM-158B-2 <sup>(†)</sup>		2021	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Feb 2021	Oct 2024	40	0.995	Y		Mar 2020
AGM-158B-2 <sup>(†)</sup>		2022	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2023	Feb 2025	245	1.123	Y		Jun 2021
AGM-158B-2 <sup>(†)</sup>		2023	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2023	Feb 2026	600	1.210	Y		Jun 2022
AGM-158B-2 <sup>(†)</sup>		2024	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Jun 2024	Feb 2027	330	1.222	Y		Jun 2023
AGM-158D <sup>(†)</sup>		2024	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Aug 2024	Feb 2027	100	1.672	Y		Jun 2023
AGM-158D <sup>(†)</sup>		2025	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2025	Feb 2028	300	1.662	Y		Jun 2024
AGM-158B-3 <sup>(†)</sup>		2024	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Aug 2024	Feb 2027	120	1.242	Y		Jun 2023
AGM-158B-3 <sup>(†)</sup>		2025	Lockheed Martin / Troy, Alabama	SS / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2025	Feb 2028	250	1.294	Y		Jun 2024

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

The variants in development will be gradually inserted into the production line as a new missile build once ready. Missiles accepted by the Air Force will not be returned for modification to the newest variant.

The Lot 18 contract was awarded in March 2020 for 390 AGM-158Bs. All missiles have been delivered as of Dec 23.

The Lot 19 contract was awarded in February 2021 for 400 AGM-158Bs. A contract modification to change 40 of the missiles to AGM-158B-2 was awarded on 28 July 2022. Period of performance ends on Jan 25.

The Lot 20 contract was awarded in November 2021 for 525 AGM-158Bs. A contract modification to change 245 of the AGM-158B missiles to AGM-158B-2 was award May 2023.

The Lot 21 contract was awarded in March 2023 for 600 AGM-158B-2s.

The Lot 22 contract is projected to award in June 2024 for 550 AGM-158B-2s. A contract modification to change 120 of the AGM-158B-2 missiles to AGM-158B-3 is projected in August 2024. A contract modification to change 100 of the AGM-158B-2 missiles to AGM-158D is projected in August 2024.

The Lot 23 contract is projected to award in March 2025 for 250 AGM-158B-3s and 300 AGM-158Ds.

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**Exhibit P-21, Production Schedule:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** JASSM0 / Joint Air-Surface Standoff Missile **Item Number / Title [DODIC]:** Joint Air-Surface Standoff Missile

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022												B A L A N C E	
O C C O #	M F R #	FY	SERVICE	PROC QTY	ACCE PT PRI OR 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
AGM-158B																															
Prior Years Deliveries: 2010																															
	1	2021	AF	360	0	360																									
	1	2022	AF	280	0	280																						A - - -	360		
AGM-158B-2																															
	2	2021	AF	40	0	40																									
	2	2022	AF	245	0	245																									
	2	2023	AF	600	0	600																									
	2	2024	AF	330	0	330																									
AGM-158D																															
	3	2024	AF	100	0	100																									
	3	2025	AF	300	0	300																									
AGM-158B-3																															
	4	2024	AF	120	0	120																									
	4	2025	AF	250	0	250																									
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile
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Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023													Fiscal Year 2024													BALANCE		
O C O #	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			
AGM-158B																																	
Prior Years Deliveries: 2010																																	
	1	2021	AF	360	0	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	30	30	30	30	30	30	120			
	1	2022	AF	280	0	280																								280			
AGM-158B-2																																	
	2	2021	AF	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40			
	2	2022	AF	245	0	245																								245			
	2	2023	AF	600	0	600																								600			
	2	2024	AF	330	0	330																								330			
AGM-158D																																	
	3	2024	AF	100	0	100																								100			
	3	2025	AF	300	0	300																								300			
AGM-158B-3																																	
	4	2024	AF	120	0	120																								120			
	4	2025	AF	250	0	250																								250			
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile
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Cost Elements <i>(Units in Each)</i>				Fiscal Year 2025														Fiscal Year 2026														BALANCE			
O C O #	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					
AGM-158B																																			
Prior Years Deliveries: 2010																																			
	1	2021	AF	360	240	120	30	30	30	30																		0							
	1	2022	AF	280	0	280	-	-	-	-	16	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	0							
AGM-158B-2																																			
	2	2021	AF	40	0	40	10	10	10	10																	0								
	2	2022	AF	245	0	245	-	-	-	-	19	20	20	20	20	20	21	21	21	21	21	21					0								
	2	2023	AF	600	0	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	50	50	200							
	2	2024	AF	330	0	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	330								
AGM-158D																																			
	3	2024	AF	100	0	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100								
	3	2025	AF	300	0	300					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300								
AGM-158B-3																																			
	4	2024	AF	120	0	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120								
	4	2025	AF	250	0	250					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250								
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027												Fiscal Year 2028												BALANCE	
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027												Calendar Year 2028												
							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
AGM-158B																															
Prior Years Deliveries: 2010																															
	1	2021	AF	360	360	0																						0			
	1	2022	AF	280	280	0																						0			
AGM-158B-2																															
	2	2021	AF	40	40	0																						0			
	2	2022	AF	245	245	0																						0			
	2	2023	AF	600	400	200	50	50	50	50																		0			
	2	2024	AF	330	0	330	-	-	-	-	24	26	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	0			
AGM-158D																															
	3	2024	AF	100	0	100	-	-	-	-	8	8	8	8	8	8	8	8	8	8	8	12						0			
	3	2025	AF	300	0	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	25	25	25	25	25	100			
AGM-158B-3																															
	4	2024	AF	120	0	120	-	-	-	-	10	10	10	10	10	10	10	10	10	10	10							0			
	4	2025	AF	250	0	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	20	20	20	20	90			
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2029												Fiscal Year 2030												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2028	BAL DUE AS OF 1 OCT	Calendar Year 2029												Calendar Year 2030												
							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
AGM-158B																															
Prior Years Deliveries: 2010																															
	1	2021	AF	360	360	0																							0		
	1	2022	AF	280	280	0																							0		
AGM-158B-2																															
	2	2021	AF	40	40	0																							0		
	2	2022	AF	245	245	0																							0		
	2	2023	AF	600	600	0																							0		
	2	2024	AF	330	330	0																							0		
AGM-158D																															
	3	2024	AF	100	100	0																							0		
	3	2025	AF	300	200	100	25	25	25	25																			0		
AGM-158B-3																															
	4	2024	AF	120	120	0																							0		
	4	2025	AF	250	160	90	20	20	20	30																			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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<b>Exhibit P-21, Production Schedule:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>Item Number / Title [DODIC]:</b> Joint Air-Surface Standoff Missile
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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 - Troy, Alabama	56	56	330	1	18	23	41	0	0	0	0
2	Lockheed Martin - Troy, Alabama	56	56	330	0	9	32	41	1	0	0	0
3	Lockheed Martin - Troy, Alabama	56	56	330	1	6	35	41	0	0	0	0
4	Lockheed Martin - Troy, Alabama	56	56	330	0	6	35	41	1	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, Advance Procurement Budget Line Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile
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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: 555

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	769.672	0.000	-	0.000	0.000	0.000	0.000	0.000	-	769.672
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	769.672	0.000	-	0.000	0.000	0.000	0.000	0.000	-	769.672
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>0.000</b>	<b>769.672</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>769.672</b>

**Description:**

In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for AMRAAM; JASSM; LRASM; and Standard Missile-6, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields. In FY25, the JASSM program will be in the second year of MYP.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** JASSM0 / Joint Air-Surface Standoff Missile

**Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 555

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	Joint Air-Surface Standoff Missile			4,970 / 0.000	600 / 0.000	550 / 769.672	550 / 0.000	- / -	550 / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>4,970 / 0.000</b>	<b>600 / 0.000</b>	<b>550 / 769.672</b>	<b>550 / 0.000</b>	<b>- / -</b>	<b>550 / 0.000</b>

\*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:**  
 In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for AMRAAM; JASSM; LRASM; and Standard Missile-6, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields. No Budget Year FY25 funding requested.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2025 Air Force					<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2		<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile			<b>P-5 Number / Title:</b> Joint Air-Surface Standoff Missile	
<b>First System (2025) Award Date:</b> June 2024		<b>First System (2025) Completion Date:</b> February 2027		<b>Interval Between Systems:</b> 1 Months		
<b>Joint Air-Surface Standoff Missile</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2023</b> <i>(Each)</i>	<b>FY 2024</b> <i>(Each)</i>	<b>FY 2025</b> <i>(Each)</i>
Quantity		33	4,970	600	550	550
<b>Cost Elements</b>		<b>When Required</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025</b> <i>(\$ M)</i>
<b>EOQ</b>						
AGM-158B-2		33	-	-	769.672	-
<i>Total: EOQ</i>			-	-	769.672	-
<b>Total Advance Procurement/Obligation Authority</b>			<b>0.000</b>	<b>0.000</b>	<b>769.672</b>	<b>0.000</b>

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JASSM0 / Joint Air-Surface Standoff Missile	<b>P-5 Number / Title:</b> Joint Air-Surface Standoff Missile
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>EOQ</b>							
AGM-158B-2	-						-
<i>Total: EOQ</i>							-
<b>Total Advance Procurement/Obligation Authority</b>							<b>0.000</b>

**Description:**  
 In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for JASSM LRASM, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields.

Of the 769.672M, 40.000M is for long-lead time parts in lot 23. This funding secures long-lead/high-risk material buys of the missile that include long-lead micro-electronics and rare earth elements. It reduces the risk of late missile delivery, improves stock position in the event of a surge, and helps mitigate obsolescence risk. The remaining EOQ amount of 729.672M will purchase other raw materials and procurement bulk buys at a cost reduction.

**\*\*Note** - EOQ was calculated as 15% of the Procurement Funding associated with a MYP contract beginning with a contract award in FY24 and culminating in FY28. The EOQ funding is NOT calculated using a single year procurement quantity or funding amount. FY24 funding total of 769.672M includes 729.672M for EOQ financing for Lots 22-26 and 40.000M to procure long-lead time parts for Lot 23.

The JASSM program continues to work with the primary contractor in utilizing EOQ to generate the greatest cost savings and/or reduce delivery timeline. Currently, EOQ is projected to fund engines, processors, and impact fuzes. Advanced procurement is projected to fund rare earth metals, and electrical components. The program can provide necessary detail upon determination.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** JSM000 / Joint Strike Missile

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	48	50	-	50	54	57	59	-	-	268
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	161.011	165.909	-	165.909	166.946	174.802	179.606	0.000	0.000	848.274
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	161.011	165.909	-	165.909	166.946	174.802	179.606	0.000	0.000	848.274
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>0.000</b>	<b>161.011</b>	<b>165.909</b>	-	<b>165.909</b>	<b>166.946</b>	<b>174.802</b>	<b>179.606</b>	<b>0.000</b>	<b>0.000</b>	<b>848.274</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	2.889	2.776	-	2.776	2.682	2.675	2.934	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	3.354	3.318	-	3.318	3.092	3.067	3.044	-	-	3.165

**Description:**

Joint Strike Missile (JSM) is a near-term solution for long range precision strike capability against maritime surface and land targets in highly contested environments. JSM provides long-range standoff for platform survivability, performance in GPS denied environments, survivability against advanced threat systems, and internal carriage in F-35A weapons bay. Initial fielding and operational use will be on the F-35A.

Norwegian defense contractor, Kongsberg Defence & Aerospace (KDA), has completed development of JSM. Royal Norwegian Air Force (RNoAF) funded F-35A test and integration is ongoing.

JSM will leverage the RNoAF test and integration efforts. Additionally, JSM will perform the USAF specific test and integration, regression, and qualification activities.

The JSM procurement funding supports the entire weapon system to include resolution of obsolescence, end-of-life buys, bridge buys, supplier/parts replacement, to include electronic components used commercially and in short supply, and qualification activities to preserve and increase future production capabilities and capacity. Funding may be used to perform the USAF specific test and integration, regression, and qualification activities. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

USAF JSM OT&E projected to begin May 2026 (subject to completion of F-35 JPO/RNoAF JSM DT&E - currently projected for Sep 2025). No items are being replaced. Comparative info (e.g., range, speed) is TBD: will be assessed throughout F-35 JPO/RNoAF DT&E effort; once available, key performance characteristics are expected to be classified. USAF JSM effort heavily leverages ongoing F-35 JPO/RNoAF JSM DT&E effort and is reliant on integration of network enabled weapons (NEW) capabilities; F-35 JPO integration schedule currently supports USAF JSM OT&E beginning mid CY 2025.

"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 is contained in PE 0207335F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** JSM000 / Joint Strike Missile

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Joint Strike Missile	P-5a, P-21	A		- / -	- / 0.000	48 / 161.011	50 / 165.909	- / -	50 / 165.909
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / -</b>	<b>- / 0.000</b>	<b>48 / 161.011</b>	<b>50 / 165.909</b>	<b>- / -</b>	<b>50 / 165.909</b>

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

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

**Justification:**  
 FY 2024 funding will procure up to 48 JSM AUR missiles and associated support equipment.  
 FY 2025 funding will procure up to 50 JSM AUR missiles and associated support equipment.

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-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JSM000 / Joint Strike Missile	<b>Item Number / Title [DODIC]:</b> Joint Strike Missile
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	-	-	48	50	-	50
Gross/Weapon System Cost (\$ in Millions)	-	0.000	161.011	165.909	-	165.909
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	0.000	161.011	165.909	-	165.909
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>0.000</b>	<b>161.011</b>	<b>165.909</b>	-	<b>165.909</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	3.354	3.318	-	3.318

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Flyaway - Joint Strike Missile Cost</b>																		
Recurring Cost																		
JSM Msl All Up Round (AUR) <sup>(†)</sup>	-	-	-	-	-	0.000	2.691	48	129.164	2.776	50	138.813	-	-	-	2.776	50	138.813
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.000	-	-	129.164	-	-	138.813	-	-	-	-	-	138.813
<i>Subtotal: Flyaway - Joint Strike Missile Cost</i>	-	-	-	-	-	0.000	-	-	129.164	-	-	138.813	-	-	-	-	-	138.813
<b>Flyaway - Ancillary Equipment Cost Cost</b>																		
Non Recurring Cost																		
Adapters/Cables	-	-	-	-	-	0.000	-	-	9.493	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.000	-	-	9.493	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Flyaway - Ancillary Equipment Cost Cost</i>	-	-	-	-	-	0.000	-	-	9.493	-	-	0.000	-	-	-	-	-	0.000
<b>Support - Support End Item Cost Cost</b>																		
PSC Other Government Costs	-	-	-	-	-	0.000	-	-	7.793	-	-	3.521	-	-	-	-	-	3.521
PSC Contractor Services	-	-	-	-	-	0.000	-	-	1.087	-	-	2.221	-	-	-	-	-	2.221
Loading Cradle	-	-	-	-	-	0.000	-	-	0.126	-	-	0.000	-	-	-	-	-	0.000
F-35A Test and Integration	-	-	-	-	-	0.000	-	-	6.328	-	-	10.893	-	-	-	-	-	10.893
Cybersecurity	-	-	-	-	-	0.000	-	-	3.528	-	-	3.606	-	-	-	-	-	3.606
Engineering & Technical Support	-	-	-	-	-	0.000	-	-	3.492	-	-	6.855	-	-	-	-	-	6.855

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JSM000 / Joint Strike Missile	<b>Item Number / Title [DODIC]:</b> Joint Strike Missile
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A		<b>MDAP/MAIS Code:</b>

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Support End Item Cost Cost</i>	-	-	-	-	-	0.000	-	-	22.354	-	-	27.096	-	-	-	-	-	27.096
<b>Gross/Weapon System Cost</b>	-	-	-	-	-	0.000	3.354	48	161.011	3.318	50	165.909	-	-	-	3.318	50	165.909

**Remarks:**

Note: With the current FY 2025 budget profile and based on the current Program Office Cost Estimate (POE), JSM currently is able to Buy-to-Budget 204 AURs in comparison to the Inventory Objective (IO) of 240. Once the proposal for Lots 1 & 2 is received, procurement quantities may change based on the negotiated contract and available funding.

Increase/Decrease statements between FY24 and FY25:

- JSM AUR increase due to procuring additional quantities
- Adapters/Cables decrease due to a one-time non-recurring cost
- PSC Other Gov't Cost decrease due to lower general assessments
- PSC Contractor Services increase due to personnel/travel ramp up to support post F-35A test and integration and production activities
- Loading Cradle decrease due to one-time non-recurring cost
- F-35A Integration increase due to support cost driven by increase F-35A test and integration activities based on schedule ramp up in FY25
- Engineering and Technical Support (ETS) increase due to increased activities for cybersecurity and F-35A test and integration support

PSC Other Government Costs: Travel and Government Purchase Card (GPC).

PSC Contractor Services: Advisory and Assistance Services (A&AS) and Other Government Costs (OGC) for contract support

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

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**Exhibit P-5a, Procurement History and Planning: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JSM000 / Joint Strike Missile	<b>Item Number / Title [DODIC]:</b> Joint Strike Missile
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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
JSM Msl All Up Round (AUR) <sup>(†)</sup>		2024	KDA / Kongsberg, Norway	TBD	AFLCMC/PK Eglin AFB, FL	May 2024	May 2026	48	2.691	Y		Dec 2023
JSM Msl All Up Round (AUR) <sup>(†)</sup>		2025	KDA / Kongsberg, Norway	TBD	AFLCMC/PK Eglin AFB, FL	Mar 2025	Mar 2027	50	2.776	Y		Dec 2023

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

1. Lot 1 contract award planned for 3rd Quarter FY 2024.
2. Lot 2 contract award planned for 2nd Quarter FY 2025.

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**Exhibit P-21, Production Schedule:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** JSM000 / Joint Strike Missile **Item Number / Title [DODIC]:** Joint Strike Missile

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				
JSM Msl All Up Round (AUR)																																			
1	2024	AF		48	0	48									A	-	-	-	-	-	-	-	-	-	-	-	-	-	48						
1	2025	AF		50	0	50																					A	-	-	-	-	-	-	-	50
							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 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** JSM000 / Joint Strike Missile **Item Number / Title [DODIC]:** Joint Strike Missile

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			
JSM Msl All Up Round (AUR)																																		
1		2024	AF	48	0	48	-	-	-	-	-	-	-	-	4	4	5	5	5	5	5	5	5	5	5	5	5	5	0					
1		2025	AF	50	0	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	4	4	4	4	4	4	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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> JSM000 / Joint Strike Missile	<b>Item Number / Title [DODIC]:</b> Joint Strike Missile
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2028												Fiscal Year 2029												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2027	BAL DUE AS OF 1 OCT	Calendar Year 2028												Calendar Year 2029												
							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
JSM Msl All Up Round (AUR)																															
1		2024	AF	48	48	0																							0		
1		2025	AF	50	30	20	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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<b>Exhibit P-21, Production Schedule:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2		<b>P-1 Line Item Number / Title:</b> JSM000 / Joint Strike Missile
		<b>Item Number / Title [DODIC]:</b> Joint Strike Missile

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	KDA - Kongsberg, Norway	2	5	100	0	0	0	0	28	6	24	30

**Remarks:**  
 FY2024 will be the first contract year.  
 FY2025 will procure up to 50 JSM AUR missiles and associated support equipment.  
 In the delivery schedule an "A" indicates either an Authority to Proceed event or the definitized Contract Award Date.  
 Production rates and procurement lead times are estimated; better insight will be obtained after contract award.  
 "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 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** LRASM0 / LRASM0

**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:** 449

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	56	57	27	115	-	115	99	111	112	112	-	689
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	207.324	211.589	87.796	379.067	-	379.067	321.173	361.903	364.293	345.996	0.000	2,279.141
Less PY Advance Procurement ( <i>\$ in Millions</i> )	0.000	0.000	0.000	24.967	-	24.967	24.968	24.968	24.968	0.000	0.000	99.871
Net Procurement (P-1) ( <i>\$ in Millions</i> )	207.324	211.589	87.796	354.100	-	354.100	296.205	336.935	339.325	345.996	0.000	2,179.270
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	0.000	0.000	99.871	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	99.871
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>207.324</b>	<b>211.589</b>	<b>187.667</b>	<b>354.100</b>	<b>-</b>	<b>354.100</b>	<b>296.205</b>	<b>336.935</b>	<b>339.325</b>	<b>345.996</b>	<b>0.000</b>	<b>2,279.141</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	5.198	0.524	0.525	-	0.525	0.521	0.519	0.530	0.540	-	8.357
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	3.702	3.712	3.252	3.296	-	3.296	3.244	3.260	3.253	3.089	-	3.308

**Description:**

The Long Range Anti-Ship Missile (LRASM) is increment 1 of the Offensive Anti-Surface Warfare (OASuW) weapon development program. LRASM (AGM-158C) addresses an air-launch capability gap by providing flexible, long-range, advanced, anti-surface capability against high-threat maritime targets. LRASM (AGM-158C) achieved Early Operational Capability (EOC) in December 2018 on the USAF B-1 Lancer and EOC on the USN F/A-18E/F Super Hornet in November 2019. The USN is the lead service for the LRASM program.

In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for JASSM and LRASM under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields.

FY 2024 Procurement fully funds the 8th production lot for the LRASM Program as well as provides Economic Order Quantities for Lots 9-12 under the MYP strategy.

FY 2025 aligns the first year of LRASM MYP and Lot 9 procurement of AGM-158C and AGM-158C-3 variants. The LRASM AGM-158C-3 variant will be a forward fit Engineering Change Proposal (ECP) to the AGM-158C, to enhance long range strike and existing OASuW capability. Beginning in FY26 through the outyears, the USAF will be procuring LRASM C-3 only, until the missile inventory objective is met. LRASM C-3 (AGM-158C-3) EOC on the USN F/A-18E/F is planned by 3QCY26 while USAF C-3 EOC is in the planning stage.

LRASM is highly leveraged on the design of the Joint Air-to-Surface Standoff Missile-Extended Range (JASSM-ER). LRASM and JASSM-ER have over 70% hardware commonality and share the same production assembly line. The USAF and USN jointly procure LRASMs via a USAF contract that benefits from cost savings when aligned with JASSM-ER procurements. LRASM All Up Round (AUR) unit cost and quantities in this Program Element (PE) are dependent on USN LRASM PE 0204167N and USAF JASSM PE 0207325F.

In addition to procuring LRASM All Up Rounds, funds in this exhibit will be used for production tooling & equipment and addressing Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues through studies, bridge buys, life of type buys, supplier/parts replacement, to include electronic components used commercially and in short supply and qualification and reliability activities to preserve future production capabilities and capacities.

Funding for this exhibit contained in PE 0207325F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** LRASM0 / LRASM0

**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:** 449

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	LRASM0	P-5a, P-21	A		56 / 207.324	57 / 211.589	27 / 87.796	115 / 379.067	- / -	115 / 379.067
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>56 / 207.324</b>	<b>57 / 211.589</b>	<b>27 / 87.796</b>	<b>115 / 379.067</b>	<b>- / -</b>	<b>115 / 379.067</b>

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

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

**Justification:**

FY 2025 funding totals include 379.067M in base dollars to procure 115 missiles.

FY 2024 funding totals include 87.796M in base to procure 27 missiles.

Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S. Code Section 3069 BUY-TO-BUDGET ACQUISITION.

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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASMO / LRASMO	<b>Item Number / Title [DODIC]:</b> LRASMO
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	56	57	27	115	-	115
Gross/Weapon System Cost (\$ in Millions)	207.324	211.589	87.796	379.067	-	379.067
Less PY Advance Procurement (\$ in Millions)	0.000	0.000	0.000	24.967	-	24.967
Net Procurement (P-1) (\$ in Millions)	207.324	211.589	87.796	354.100	-	354.100
Plus CY Advance Procurement (\$ in Millions)	0.000	0.000	99.871	0.000	-	0.000
<b>Total Obligation Authority (\$ in Millions)</b>	<b>207.324</b>	<b>211.589</b>	<b>187.667</b>	<b>354.100</b>	<b>-</b>	<b>354.100</b>

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

Initial Spares (\$ in Millions)	0.000	5.198	0.524	0.525	-	0.525
Gross/Weapon System Unit Cost (\$ in Millions)	3.702	3.712	3.252	3.296	-	3.296

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Hardware - LRASM Cost</b>																		
Recurring Cost																		
LRASM 1.0/1.1 <sup>(†)</sup>	3.702	56	207.324	3.590	57	204.630	2.872	27	77.544	2.957	64	189.245	-	-	-	2.957	64	189.245
Tooling/Production NRE	-	-	-	-	-	1.462	-	-	3.592	-	-	17.828	-	-	-	-	-	17.828
Economic Order Quantity (EOQ)	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
LRASM C-3 <sup>(†)</sup>	-	-	-	-	-	-	-	-	-	3.105	51	158.339	-	-	-	3.105	51	158.339
<i>Subtotal: Recurring Cost</i>	-	-	207.324	-	-	206.092	-	-	81.136	-	-	365.412	-	-	-	-	-	365.412
<i>Subtotal: Hardware - LRASM Cost</i>	-	-	207.324	-	-	206.092	-	-	81.136	-	-	365.412	-	-	-	-	-	365.412
<b>Support - LRASM Cost</b>																		
Program Support Costs (PSC)-A&AS	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-	-
Program Support Costs (PSC) Other Government Costs	-	-	-	-	-	0.938	-	-	1.072	-	-	4.905	-	-	-	-	-	4.905
Engineering Change Order (ECO)/Obsolescence	-	-	-	-	-	4.559	-	-	5.588	-	-	8.750	-	-	-	-	-	8.750
<i>Subtotal: Support - LRASM Cost</i>	-	-	-	-	-	5.497	-	-	6.660	-	-	13.655	-	-	-	-	-	13.655
<b>Gross/Weapon System Cost</b>	<b>3.702</b>	<b>56</b>	<b>207.324</b>	<b>3.712</b>	<b>57</b>	<b>211.589</b>	<b>3.252</b>	<b>27</b>	<b>87.796</b>	<b>3.296</b>	<b>115</b>	<b>379.067</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.296</b>	<b>115</b>	<b>379.067</b>

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<b>Exhibit P-5, Cost Analysis:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>Item Number / Title [DODIC]:</b> LRASM0
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A		<b>MDAP/MAIS Code:</b>
<b>Remarks:</b> The increase in Engineering Change Order (ECO)/Obsolescence from FY 2024 to FY 2025 is to fund increased obsolescence cases to include Last Time Buys (LTBs), redesigns and qualifications.  The increase in Tooling/Production NRE from FY24 to FY25 is to enable the production quantity ramp up from 27 to 115, to include the new AGM-158C-3 variant.  The increase in Program Support Costs (PSC) from FY24 to FY25 is to fund the increase in manpower and program support infrastructure required to support the increased production quantities.  (t) indicates the presence of a P-5a		

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**Exhibit P-5a, Procurement History and Planning:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>Item Number / Title [DODIC]:</b> LRASM0
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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
LRASM 1.0/1.1 <sup>(†)</sup>		2021	Lockheed Martin / Troy, AL	SS / FPIF	Eglin AFB	Feb 2021	Jan 2024	6	2.925	Y	Jan 2020	Feb 2020
LRASM 1.0/1.1 <sup>(†)</sup>		2023	Lockheed Martin / Troy, AL	SS / FFP	Eglin AFB	May 2023	Oct 2025	57	3.590	Y	Aug 2022	
LRASM 1.0/1.1 <sup>(†)</sup>		2024	Lockheed Martin / Troy, AL	SS / FFP	Eglin AFB	Nov 2023	Oct 2026	27	2.872	Y	Aug 2022	
LRASM 1.0/1.1 <sup>(†)</sup>		2025	Lockheed Martin / Troy, AL	SS / FFP	Eglin AFB	Mar 2025	Jan 2027	64	2.957	Y	Jan 2023	
LRASM C-3 <sup>(†)</sup>		2025	Lockheed Martin / Troy, AL	SS / FFP	Eglin AFB	Mar 2025	Oct 2027	51	3.105	Y	Jan 2023	

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

Lot 5 (FY2021) was the first year the USAF procured the LRASM v1.1 (AGM-158C-1) configuration. Lot 5 was procured at a lower unit cost due to a combined award with Lot 4 (FY2020), and increased the overall USAF/USN/FMS total AUR quantity across those years.

Lot 6 (FY2022) did not include USAF procurement of LRASM missiles, USN only.

Lot 7 (FY2023) and Lot 8 (FY2024) procured LRASM v1.1 (AGM-158C-1) configuration for the USAF. The contract award date for Lot 7 was May 2023 and Lot 8 was Nov 2023.

Estimated contract award date for Lot 9 (FY2025) is 2QFY25.

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**Exhibit P-21, Production Schedule:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>Item Number / Title [DODIC]:</b> LRASM0
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022												BALANCE	
O C C O	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
LRASM 1.0/1.1																															
Prior Years Deliveries: 50																															
	1	2021	AF	6	0	6																							6		
	1	2021	NAVY (+)	43	0	43																							43		
	<b>1</b>	<b>2021</b>	<b>Total</b>	<b>49</b>	<b>0</b>	<b>49</b>																							<b>49</b>		
	1	2023	AF	57	0	57																							57		
	1	2023	NAVY (+)	66	0	66																							66		
	<b>1</b>	<b>2023</b>	<b>Total</b>	<b>123</b>	<b>0</b>	<b>123</b>																							<b>123</b>		
	1	2024	AF	27	0	27																							27		
	1	2024	NAVY (+)	81	0	81																							81		
	<b>1</b>	<b>2024</b>	<b>Total</b>	<b>108</b>	<b>0</b>	<b>108</b>																							<b>108</b>		
	1	2025	AF	64	0	64																							64		
	1	2025	NAVY (+)	55	0	55																							55		
	<b>1</b>	<b>2025</b>	<b>Total</b>	<b>119</b>	<b>0</b>	<b>119</b>																							<b>119</b>		
LRASM C-3																															
	2	2025	AF	51	0	51																							51		
	2	2025	NAVY (+)	25	0	25																							25		
	<b>2</b>	<b>2025</b>	<b>Total</b>	<b>76</b>	<b>0</b>	<b>76</b>																							<b>76</b>		
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>Item Number / Title [DODIC]:</b> LRASM0
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023													Fiscal Year 2024													BALANCE	
O C O	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			
LRASM 1.0/1.1																																	
Prior Years Deliveries: 50																																	
1	2021	AF		6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3						0				
1	2021	NAVY (+)		43	0	43	-	-	-	-	-	-	4	4	5	5	6	7	7	5	-	-	-						0				
<b>1</b>	<b>2021</b>	<b>Total</b>		<b>49</b>	<b>0</b>	<b>49</b>	-	-	-	-	-	-	<b>4</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>5</b>	-	<b>3</b>	<b>3</b>	-	-	-	-	-	<b>0</b>				
1	2023	AF		57	0	57								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57				
1	2023	NAVY (+)		66	0	66								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66				
<b>1</b>	<b>2023</b>	<b>Total</b>		<b>123</b>	<b>0</b>	<b>123</b>								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>123</b>				
1	2024	AF		27	0	27															A -	-	-	-	-	-	-	-	27				
1	2024	NAVY (+)		81	0	81															A -	-	-	-	-	-	-	-	81				
<b>1</b>	<b>2024</b>	<b>Total</b>		<b>108</b>	<b>0</b>	<b>108</b>															-	-	-	-	-	-	-	-	<b>108</b>				
1	2025	AF		64	0	64																							64				
1	2025	NAVY (+)		55	0	55																							55				
<b>1</b>	<b>2025</b>	<b>Total</b>		<b>119</b>	<b>0</b>	<b>119</b>																							<b>119</b>				
LRASM C-3																																	
2	2025	AF		51	0	51																							51				
2	2025	NAVY (+)		25	0	25																							25				
<b>2</b>	<b>2025</b>	<b>Total</b>		<b>76</b>	<b>0</b>	<b>76</b>																							<b>76</b>				
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>Item Number / Title [DODIC]:</b> LRASM0
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 2 4	BAL D U E A S O F 1 O C T	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
LRASM 1.0/1.1																															
Prior Years Deliveries: 50																															
1	2021	AF		6	6	0																								0	
1	2021	NAVY (+)		43	43	0																								0	
<b>1</b>	<b>2021</b>	<b>Total</b>		<b>49</b>	<b>49</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>		
1	2023	AF		57	0	57	-	-	-	-	-	-	-	-	-	-	8	11	11	13	14								0		
1	2023	NAVY (+)		66	0	66	-	-	-	-	4	11	10	11	10	10	-	-	-	-	-								0		
<b>1</b>	<b>2023</b>	<b>Total</b>		<b>123</b>	<b>0</b>	<b>123</b>	-	-	-	-	<b>4</b>	<b>11</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>11</b>	<b>11</b>	<b>13</b>	<b>14</b>	-	-	-	-	-	-	<b>0</b>			
1	2024	AF		27	0	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27		
1	2024	NAVY (+)		81	0	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	16	17	18	15	0	
<b>1</b>	<b>2024</b>	<b>Total</b>		<b>108</b>	<b>0</b>	<b>108</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>15</b>	<b>27</b>	
1	2025	AF		64	0	64					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64		
1	2025	NAVY (+)		55	0	55					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55		
<b>1</b>	<b>2025</b>	<b>Total</b>		<b>119</b>	<b>0</b>	<b>119</b>					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>119</b>		
LRASM C-3																															
2	2025	AF		51	0	51					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51		
2	2025	NAVY (+)		25	0	25					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25		
<b>2</b>	<b>2025</b>	<b>Total</b>		<b>76</b>	<b>0</b>	<b>76</b>					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>76</b>		
							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	U	E	
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>Item Number / Title [DODIC]:</b> LRASM0
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027													Fiscal Year 2028													BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027													Calendar Year 2028													
							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			
LRASM 1.0/1.1																																	
Prior Years Deliveries: 50																																	
1	2021	AF		6	6	0																							0				
1	2021	NAVY (+)		43	43	0																							0				
<b>1</b>	<b>2021</b>	<b>Total</b>		<b>49</b>	<b>49</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2023	AF		57	57	0																							0				
1	2023	NAVY (+)		66	66	0																							0				
<b>1</b>	<b>2023</b>	<b>Total</b>		<b>123</b>	<b>123</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2024	AF		27	0	27	20	7																					0				
1	2024	NAVY (+)		81	81	0	-	-																					0				
<b>1</b>	<b>2024</b>	<b>Total</b>		<b>108</b>	<b>81</b>	<b>27</b>	<b>20</b>	<b>7</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2025	AF		64	0	64	-	-	-	5	19	19	18	3															0				
1	2025	NAVY (+)		55	0	55	-	15	20	20	-	-	-	-															0				
<b>1</b>	<b>2025</b>	<b>Total</b>		<b>119</b>	<b>0</b>	<b>119</b>	-	<b>15</b>	<b>20</b>	<b>25</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>3</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
LRASM C-3																																	
2	2025	AF		51	0	51	-	-	-	-	-	-	-	-	-	-	-	5	15	15	10	6							0				
2	2025	NAVY (+)		25	0	25	-	-	-	-	-	-	-	7	18	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
<b>2</b>	<b>2025</b>	<b>Total</b>		<b>76</b>	<b>0</b>	<b>76</b>	-	-	-	-	-	-	-	<b>7</b>	<b>18</b>	-	-	<b>5</b>	<b>15</b>	<b>15</b>	<b>10</b>	<b>6</b>	-	-	-	-	-	-	<b>0</b>				
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASMO / LRASMO	<b>Item Number / Title [DODIC]:</b> LRASMO
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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 - Troy, AL	60	60	240	0	0	0	0	8	6	22	28
2	Lockheed Martin - Troy, AL	51	60	120	5	6	31	37	0	0	0	0

**Remarks:**  
USN deliveries are not included in P-21 for Lot 4 (FY20 funding) and Lot 6 (FY22 funding) because there were no quantities procured by the USAF in those years.

LRASM and JASSM missiles are procured on separate contracts but are awarded concurrently to leverage commonality and optimize shared resources.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0
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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: 449

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	0.000	99.871	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	99.871
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	0.000	99.871	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	99.871
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>0.000</b>	<b>99.871</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>99.871</b>

**Description:**

In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for JASSM and LRASM under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields.

The Long Range Anti-Ship Missile (LRASM) is increment 1 of the Offensive Anti-Surface Warfare (OASuW) weapon development program. LRASM (AGM-158C) addresses an air-launch capability gap by providing flexible, long-range, advanced, anti-surface capability against high-threat maritime targets. LRASM (AGM-158C) achieved Early Operational Capability (EOC) in December 2018 on the USAF B-1 Lancer and EOC on the USN F/A-18E/F Super Hornet in November 2019. The USN is the lead service for the LRASM program.

FY24 Procurement fully funds the 8th production lot for the LRASM Program as well as provides Economic Order Quantities for Lots 9-12 under the MYP strategy.

FY25 Procurement aligns the first year of LRASM MYP and lot 9 procurement of AGM-158C and AGM-158C-3 variants. The LRASM AGM-158C-3 variant will be a forward fit Engineering Change Proposal (ECP) to the AGM-158C, to enhance long range strike and existing OASuW capability. Beginning in FY26 through the outyears, the USAF will be procuring LRASM C-3 only, until the missile inventory objective is met. LRASM C-3 (AGM-158C-3) EOC on the USN F/A-18E/F is planned by 3QCY26 while USAF C-3 EOC is in the planning stage.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** LRASM0 / LRASM0

**Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

**Line Item MDAP/MAIS Code:** 449

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	LRASM0			56 / 0.000	57 / 0.000	27 / 99.871	115 / 0.000	- / -	115 / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>56 / 0.000</b>	<b>57 / 0.000</b>	<b>27 / 99.871</b>	<b>115 / 0.000</b>	<b>- / -</b>	<b>115 / 0.000</b>

\*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:**

FY25 funding totals include 379.067M in base to procure 115 missiles.

FY24 funding totals include 87.796M in base to procure 27 missiles.

Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S. Code Section 3069 BUY-TO-BUDGET ACQUISITION.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2			<b>P-1 Line Item Number / Title:</b> LRASMO / LRASMO			<b>P-5 Number / Title:</b> LRASMO	
<b>First System (2025) Award Date:</b> June 2024		<b>First System (2025) Completion Date:</b> July 2026			<b>Interval Between Systems:</b> 5 Months		
<b>LRASMO</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2023</b> <i>(Each)</i>	<b>FY 2024</b> <i>(Each)</i>	<b>FY 2025</b> <i>(Each)</i>	
Quantity		33	56	57	27	115	
<b>Cost Elements</b>		<b>When Required</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025</b> <i>(\$ M)</i>	
<b>EOQ</b>							
Economic Order Quantity (EOQ)		33	-	-	99.871	-	
<i>Total: EOQ</i>			-	-	99.871	-	
<b>Total Advance Procurement/Obligation Authority</b>			<b>0.000</b>	<b>0.000</b>	<b>99.871</b>	<b>0.000</b>	

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> LRASM0 / LRASM0	<b>P-5 Number / Title:</b> LRASM0
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>EOQ</b>							
Economic Order Quantity (EOQ)	-						-
<i>Total: EOQ</i>							-
<b>Total Advance Procurement/Obligation Authority</b>							<b>0.000</b>

**Description:**  
 In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for JASSM and LRASM, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-Budget concept, to further improve efficiencies and yields.

The Long Range Anti-Ship Missile (LRASM) is increment 1 of the Offensive Anti-Surface Warfare (OASuW) weapon development program. LRASM (AGM-158C) addresses an air-launch capability gap by providing flexible, long-range, advanced, anti-surface capability against high-threat maritime targets. LRASM (AGM-158C) achieved Early Operational Capability (EOC) in December 2018 on the USAF B-1 Lancer and EOC on the USN F/A-18E/F Super Hornet in November 2019. The USN is the lead service for the LRASM program.

LRASM is highly leveraged on the design of the Joint Air-to-Surface Standoff Missile-Extended Range (JASSM-ER). LRASM and JASSM-ER have over 70% hardware commonality and share the same production assembly line. The USAF and USN jointly procure LRASMs via a USAF contract that benefits from cost savings when aligned with JASSM-ER procurements.

The LRASM program continues to work with the primary contractor in utilizing EOQ to generate the greatest cost savings and/or reduce delivery timeline. Currently, EOQ is projected to fund engines, processors, radio equipment, and sensors. A detailed list can be provided once determined.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X)

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207161F

**Line Item MDAP/MAIS Code:** 442

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	3,087	497	192	147	-	147	195	221	221	210	1,136	5,906
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,415.221	220.855	95.643	107.101	-	107.101	127.838	130.045	132.837	135.479	773.254	3,138.273
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,415.221	220.855	95.643	107.101	-	107.101	127.838	130.045	132.837	135.479	773.254	3,138.273
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,415.221</b>	<b>220.855</b>	<b>95.643</b>	<b>107.101</b>	<b>-</b>	<b>107.101</b>	<b>127.838</b>	<b>130.045</b>	<b>132.837</b>	<b>135.479</b>	<b>773.254</b>	<b>3,138.273</b>

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

Initial Spares ( <i>\$ in Millions</i> )	27.584	2.801	2.034	2.029	-	2.029	2.102	2.138	2.183	2.227	34.031	77.129
Flyaway Unit Cost ( <i>\$ in Millions</i> )	0.417	0.423	0.443	0.653	-	0.653	0.597	0.536	0.547	0.587	0.607	0.482
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	0.458	0.444	0.498	0.729	-	0.729	0.656	0.588	0.601	0.645	0.681	0.531

**Description:**

The AIM-9X Block II/II+ Sidewinder (AIM-9X Blk II/II+) continues the evolution of the AIM-9 series of missiles. This missile program delivers a launch and leave, air combat munition that uses passive Infrared (IR) energy to acquire and track enemy air targets and complements the radar guided Advanced Medium Range Air-to-Air Missile (AMRAAM). The inner-boundry missile provides first shot, first kill opportunities while conducting air combat maneuvering which is essential for aircrew survival. The AIM-9X provides these opportunities with unmatched offensive and defensive capabilities against threats within the inner boundary, even when IR countermeasures are employed.

The AIM-9X also provides air superiority in the Beyond Visual Range (BVR) air-to-air battle. Anti-tamper features have been incorporated to protect improvements inherent in this design. The AIM-9X Block II missile is critical for projecting power and winning decisively against current and emerging threats.

AIM-9X is a Post Milestone C, Acquisition Category IC (ACAT-IC) joint service program led by the Department of the Navy (DoN). In June 2011, the Milestone Decision Authority (MDA) established the AIM-9X Block II missile program which was approved for entry at Milestone C for Low Rate Initial Production (LRIP). The Block I program ended with the Sec 2366 A/B certification and Acquisition Program Baseline (APB) for AIM-9X Block II approval on December 23, 2011. In August 2015, the program received approval for Full Rate Production (FRP), and the APB was re-established.

In December 2017, the program began to procure a third variant of the missile labeled the AIM-9X Block II PLUS (Block II+) to satisfy the requirements of the Joint Strike Fighter platform. This version of the missile is being produced on the same production line as the AIM-9X Block II missile. For contracting purposes, the nomenclature of the AIM-9X Block II missile is identified as AIM-9X-2 or AIM-9X-4 and the AIM-9X Block II+ missile is identified as AIM-9X-3. The AIM-9X-4 variants are the System Improvement Program (SIP) III configuration with upgraded hardware for obsolescence that will cut into Lot 21.

In February 2019, the APB for DoN and USAF was revised to increase total missile procurements from 6,000 to 11,635 missiles and to extend USAF missile procurements through 2035. The current APB quantity of 11,635 missiles is made up of 5,326 DoN missiles and 6,309 USAF missiles.

Funding for this exhibit contained in PE 0207161F.

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

Differences in USAF and USN All-Up Rounds (AUR) unit cost is the result of the variations in procurement of missile types by each service.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X)

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207161F

**Line Item MDAP/MAIS Code:** 442

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Sidewinder (AIM-9X)	P-5a, P-21	A		3,087 / 1,415.221	497 / 220.855	192 / 95.643	147 / 107.101	- / -	147 / 107.101
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>3,087 / 1,415.221</b>	<b>497 / 220.855</b>	<b>192 / 95.643</b>	<b>147 / 107.101</b>	<b>- / -</b>	<b>147 / 107.101</b>

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

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

**Justification:**  
 FY 2025 provides funding to procure the eleventh lot of FRP AIM-9X Block II (Blk II) missiles for the Air Force. The program unit costs are based on quantities procured by the DoN and USAF as well as Foreign Military Sales (FMS) customers.

Total Program quantity by service includes a mix of AUR missiles and Captive Air Training Missiles (CATM). In FY 2025, the Air Force will procure 205 missiles. Specifically, 147 All-Up Rounds (AURs) and 58 Captive Air Training Missiles (CATMs). The P-5 accurately breaks out AUR and CATM cost element details, but the Resource Summary tables do not reflect the proper total FY25 quantity of 205. The total Unit Cost for AUR and CATM is 0.522 million.

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

Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S Code Section 3069 BUY-TO-BUDGET ACQUISITION.



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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>											<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2				<b>P-1 Line Item Number / Title:</b> M09HAI / Sidewinder (AIM-9X)							<b>Item Number / Title [DODIC]:</b> Sidewinder (AIM-9X)				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>MDAP/MAIS Code:</b>									
Resource Summary				Prior Years		FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	
Procurement Quantity (Units in Each)				3,087		497		192		147		-		147	
Gross/Weapon System Cost (\$ in Millions)				1,415.221		220.855		95.643		107.101		-		107.101	
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-	
Net Procurement (P-1) (\$ in Millions)				1,415.221		220.855		95.643		107.101		-		107.101	
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-	
<b>Total Obligation Authority (\$ in Millions)</b>				<b>1,415.221</b>		<b>220.855</b>		<b>95.643</b>		<b>107.101</b>		<b>-</b>		<b>107.101</b>	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>															
Initial Spares (\$ in Millions)				27.584		2.801		2.034		2.029		-		2.029	
Gross/Weapon System Unit Cost (\$ in Millions)				0.458		0.444		0.498		0.729		-		0.729	

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Flyaway - Flyaway End Item Cost																		
Recurring Cost																		
All Up Round - Block II(t)	0.392	2,295	900.505	0.404	417	168.664	0.407	143	58.207	0.452	147	66.439	-	-	-	0.452	147	66.439
Captive Air Training Missile (CATM) - Block II(t)	0.222	792	176.180	0.245	80	19.601	0.281	49	13.769	0.266	58	15.403	-	-	-	0.266	58	15.403
Engineering Change Orders - Block II	-	-	7.127	-	-	2.095	-	-	1.848	-	-	2.066	-	-	-	-	-	2.066
Diminishing Manufacturing Sources	-	-	29.430	-	-	18.244	-	-	10.556	-	-	11.262	-	-	-	-	-	11.262
Government Cost (GFE & Testing) - Block II	-	-	0.950	-	-	0.041	-	-	0.030	-	-	0.038	-	-	-	-	-	0.038
Special Test/Special Tooling Equipment - Block II	-	-	13.326	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Missile Containers - Block II	0.013	908	11.585	0.013	133	1.685	0.011	53	0.583	0.014	52	0.741	-	-	-	0.014	52	0.741
Non-Recurring Engineering - Block II	-	-	50.585	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
All Up Round - Block II Plus	-	-	98.339	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,288.027</i>	-	-	<i>210.330</i>	-	-	<i>84.993</i>	-	-	<i>95.949</i>	-	-	-	-	-	<i>95.949</i>

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>												<b>Date:</b> March 2024					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2						<b>P-1 Line Item Number / Title:</b> M09HAI / Sidewinder (AIM-9X)						<b>Item Number / Title [DODIC]:</b> Sidewinder (AIM-9X)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A												<b>MDAP/MAIS Code:</b>					

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	1,288.027	-	-	210.330	-	-	84.993	-	-	95.949	-	-	-	-	-	95.949
<b>Support - Support End Item Cost</b>																		
Production Tech Support	-	-	38.589	-	-	3.311	-	-	3.302	-	-	3.614	-	-	-	-	-	3.614
Peculiar Support Equipment - Block II	-	-	0.779	-	-	0.050	-	-	0.041	-	-	0.054	-	-	-	-	-	0.054
Test Equipment - Block II	-	-	13.433	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Program Support Costs (PSC) Contractor Services - Block II	-	-	13.289	-	-	0.694	-	-	0.708	-	-	0.652	-	-	-	-	-	0.652
PSC Other Government Costs - Block II	-	-	60.421	-	-	6.408	-	-	6.536	-	-	6.782	-	-	-	-	-	6.782
Training Support - Block II	-	-	0.683	-	-	0.062	-	-	0.063	-	-	0.050	-	-	-	-	-	0.050
<i>Subtotal: Support - Support End Item Cost</i>	-	-	127.194	-	-	10.525	-	-	10.650	-	-	11.152	-	-	-	-	-	11.152
<b>Gross/Weapon System Cost</b>	0.458	3,087	1,415.221	0.444	497	220.855	0.498	192	95.643	0.729	147	107.101	-	-	-	0.729	147	107.101

**Remarks:**

The program is in production and any changes that will occur, prior to or after fielding, are software changes. Hardware specs are available and being used to manufacture the missile. Baseline software specs are known.

The FY 2023 Lot 23 contract awarded in Jan 2023 and procured the FRP missile; in Mar 2023, the contract was modified to procure Ukraine PDA replacement missiles bringing the FY23 total quantity to 497.

In FY 2025, the Air Force will procure 205 missiles. Specifically, 147 All-Up Rounds (AURs) and 58 Captive Air Training Missiles (CATMs) which is correctly reflected in the P-5 breakout. The total for FY 2025 is \$107.101M with a total quantity of 205 and an overall Unit Cost of \$0.522 million.

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

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**Exhibit P-5a, Procurement History and Planning: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> M09HAI / Sidewinder (AIM-9X)	<b>Item Number / Title [DODIC]:</b> Sidewinder (AIM-9X)
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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
All Up Round - Block II <sup>(†)</sup>		2019	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Apr 2019	Sep 2021	177	0.381	Y		Jan 2018
All Up Round - Block II <sup>(†)</sup>		2020	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2020	Aug 2022	303	0.371	Y		Jan 2019
All Up Round - Block II <sup>(†)</sup>		2021	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Jun 2021	Aug 2023	186	0.377	Y		Jan 2020
All Up Round - Block II <sup>(†)</sup>		2022	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2022	Aug 2024	140	0.388	Y		Jan 2021
All Up Round - Block II <sup>(†)</sup>		2023	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Jan 2023	Aug 2025	417	0.404	Y		Jan 2022
All Up Round - Block II <sup>(†)</sup>		2024	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2024	Aug 2026	143	0.407	Y		Jan 2023
All Up Round - Block II <sup>(†)</sup>		2025	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2025	Aug 2027	147	0.452	Y		Jan 2024
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2019	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Apr 2019	Sep 2021	15	0.209	Y		Jan 2018
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2020	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2020	Aug 2022	134	0.202	Y		Jan 2019
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2021	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Jun 2021	Aug 2023	78	0.216	Y		Jan 2020
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2022	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2022	Aug 2024	80	0.243	Y		Jan 2021
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2023	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Jan 2023	Aug 2025	80	0.245	Y		Jan 2022
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2024	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2024	Aug 2026	49	0.281	Y		Jan 2023
Captive Air Training Missile (CATM) - Block II <sup>(†)</sup>		2025	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	NAVAIR	Mar 2025	Aug 2027	58	0.266	Y		Jan 2024

<sup>(†)</sup> indicates the presence of a P-21

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020													B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 8	BAL D U E A S O F 1 O C T	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			
All Up Round - Block II																																	
Prior Years Deliveries: 1489																																	
1	2019	AF <sup>(1)</sup>	177	0	177																									177			
1	2019	FMS <sup>(2)</sup>	190	0	190																									190			
1	2019	NAVY <sup>(3)</sup>	235	0	235																									235			
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>602</b>	<b>0</b>	<b>602</b>																									<b>602</b>			
1	2020	AF <sup>(4)</sup>	303	0	303																									303			
1	2020	FMS <sup>(5)</sup>	199	0	199																									199			
1	2020	NAVY <sup>(6)</sup>	229	0	229																									229			
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>731</b>	<b>0</b>	<b>731</b>																									<b>731</b>			
1	2021	AF <sup>(7)</sup>	186	0	186																									186			
1	2021	FMS <sup>(8)</sup>	84	0	84																									84			
1	2021	NAVY <sup>(9)</sup>	217	0	217																									217			
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>487</b>	<b>0</b>	<b>487</b>																									<b>487</b>			
1	2022	AF	140	0	140																									140			
1	2022	FMS <sup>(4)</sup>	157	0	157																									157			
1	2022	NAVY <sup>(4)</sup>	85	0	85																									85			
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>382</b>	<b>0</b>	<b>382</b>																									<b>382</b>			
1	2023	AF	417	0	417																									417			
1	2023	FMS <sup>(4)</sup>	118	0	118																									118			
1	2023	NAVY <sup>(4)</sup>	84	0	84																									84			
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>619</b>	<b>0</b>	<b>619</b>																									<b>619</b>			
1	2024	AF	143	0	143																									143			
1	2024	FMS <sup>(4)</sup>	100	0	100																									100			
1	2024	NAVY <sup>(4)</sup>	94	0	94																									94			
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>337</b>	<b>0</b>	<b>337</b>																									<b>337</b>			
1	2025	AF	147	0	147																									147			
1	2025	FMS <sup>(4)</sup>	62	0	62																									62			
1	2025	NAVY <sup>(4)</sup>	116	0	116																									116			
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>325</b>	<b>0</b>	<b>325</b>																									<b>325</b>			
						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 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020													BALANCE		
O C O	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			
Captive Air Training Missile (CATM) - Block II																																	
Prior Years Deliveries: 485																																	
	2	2019	AF <sup>(10)</sup>	15	0	15																							15				
	2	2019	FMS <sup>(#)</sup> (11)	34	0	34																							34				
	2	2019	NAVY <sup>(#)</sup> (12)	75	0	75																							75				
	<b>2</b>	<b>2019</b>	<b>Total</b>	<b>124</b>	<b>0</b>	<b>124</b>																							<b>124</b>				
	2	2020	AF <sup>(13)</sup>	134	0	134																							134				
	2	2020	FMS <sup>(#)</sup> (14)	20	0	20																							20				
	2	2020	NAVY <sup>(#)</sup> (15)	75	0	75																							75				
	<b>2</b>	<b>2020</b>	<b>Total</b>	<b>229</b>	<b>0</b>	<b>229</b>																							<b>229</b>				
	2	2021	AF	78	0	78																							78				
	2	2022	AF	80	0	80																							80				
	2	2022	NAVY <sup>(#)</sup>	38	0	38																							38				
	<b>2</b>	<b>2022</b>	<b>Total</b>	<b>118</b>	<b>0</b>	<b>118</b>																							<b>118</b>				
	2	2023	AF	80	0	80																							80				
	2	2023	FMS <sup>(#)</sup>	76	0	76																							76				
	2	2023	NAVY <sup>(#)</sup>	38	0	38																							38				
	<b>2</b>	<b>2023</b>	<b>Total</b>	<b>194</b>	<b>0</b>	<b>194</b>																							<b>194</b>				
	2	2024	AF	49	0	49																							49				
	2	2024	NAVY <sup>(#)</sup>	53	0	53																							53				
	<b>2</b>	<b>2024</b>	<b>Total</b>	<b>102</b>	<b>0</b>	<b>102</b>																							<b>102</b>				
	2	2025	AF	58	0	58																							58				
	2	2025	NAVY <sup>(#)</sup>	41	0	41																							41				
	<b>2</b>	<b>2025</b>	<b>Total</b>	<b>99</b>	<b>0</b>	<b>99</b>																							<b>99</b>				
							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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2021													Fiscal Year 2022													BALANCE		
O C O	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			
All Up Round - Block II																																	
Prior Years Deliveries: 1489																																	
1	2019	AF <sup>(1)</sup>	177	0	177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1	2019	FMS <sup>(2)</sup>	190	0	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1	2019	NAVY <sup>(3)</sup>	235	0	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>602</b>	<b>0</b>	<b>602</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2020	AF <sup>(4)</sup>	303	0	303	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	303	0				
1	2020	FMS <sup>(5)</sup>	199	0	199	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	199	0				
1	2020	NAVY <sup>(6)</sup>	229	0	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229	0				
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>731</b>	<b>0</b>	<b>731</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>731</b>	<b>0</b>				
1	2021	AF <sup>(7)</sup>	186	0	186									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	186				
1	2021	FMS <sup>(8)</sup>	84	0	84									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84				
1	2021	NAVY <sup>(9)</sup>	217	0	217									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217				
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>487</b>	<b>0</b>	<b>487</b>									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>487</b>				
1	2022	AF	140	0	140																								140				
1	2022	FMS <sup>(4)</sup>	157	0	157																								157				
1	2022	NAVY <sup>(4)</sup>	85	0	85																								85				
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>382</b>	<b>0</b>	<b>382</b>																								<b>382</b>				
1	2023	AF	417	0	417																								417				
1	2023	FMS <sup>(4)</sup>	118	0	118																								118				
1	2023	NAVY <sup>(4)</sup>	84	0	84																								84				
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>619</b>	<b>0</b>	<b>619</b>																								<b>619</b>				
1	2024	AF	143	0	143																								143				
1	2024	FMS <sup>(4)</sup>	100	0	100																								100				
1	2024	NAVY <sup>(4)</sup>	94	0	94																								94				
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>337</b>	<b>0</b>	<b>337</b>																								<b>337</b>				
1	2025	AF	147	0	147																								147				
1	2025	FMS <sup>(4)</sup>	62	0	62																								62				
1	2025	NAVY <sup>(4)</sup>	116	0	116																								116				
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>325</b>	<b>0</b>	<b>325</b>																								<b>325</b>				
						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	U	U	E			
						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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2021													Fiscal Year 2022													BALANCE		
O C O #	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			
Captive Air Training Missile (CATM) - Block II																																	
Prior Years Deliveries: 485																																	
2	2019	AF <sup>(10)</sup>	15	0	15	-	-	-	-	-	-	-	-	-	-	-	-	15												0			
2	2019	FMS <sup>(#)</sup> (11)	34	0	34	-	-	-	-	-	-	-	-	-	-	-	-	34												0			
2	2019	NAVY <sup>(#)</sup> (12)	75	0	75	-	-	-	-	-	-	-	-	-	-	-	-	75												0			
<b>2</b>	<b>2019</b>	<b>Total</b>	<b>124</b>	<b>0</b>	<b>124</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>124</b>	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
2	2020	AF <sup>(13)</sup>	134	0	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	130			
2	2020	FMS <sup>(#)</sup> (14)	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	18			
2	2020	NAVY <sup>(#)</sup> (15)	75	0	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	61			
<b>2</b>	<b>2020</b>	<b>Total</b>	<b>229</b>	<b>0</b>	<b>229</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>20</b>	-	<b>209</b>			
2	2021	AF	78	0	78													A -	-	-	-	-	-	-	-	-	-	-	-	78			
2	2022	AF	80	0	80																									80			
2	2022	NAVY <sup>(#)</sup>	38	0	38																									38			
<b>2</b>	<b>2022</b>	<b>Total</b>	<b>118</b>	<b>0</b>	<b>118</b>																									<b>118</b>			
2	2023	AF	80	0	80																									80			
2	2023	FMS <sup>(#)</sup>	76	0	76																									76			
2	2023	NAVY <sup>(#)</sup>	38	0	38																									38			
<b>2</b>	<b>2023</b>	<b>Total</b>	<b>194</b>	<b>0</b>	<b>194</b>																									<b>194</b>			
2	2024	AF	49	0	49																									49			
2	2024	NAVY <sup>(#)</sup>	53	0	53																									53			
<b>2</b>	<b>2024</b>	<b>Total</b>	<b>102</b>	<b>0</b>	<b>102</b>																									<b>102</b>			
2	2025	AF	58	0	58																									58			
2	2025	NAVY <sup>(#)</sup>	41	0	41																									41			
<b>2</b>	<b>2025</b>	<b>Total</b>	<b>99</b>	<b>0</b>	<b>99</b>																									<b>99</b>			

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023													Fiscal Year 2024													BALANCE	
O C O	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			
All Up Round - Block II																																	
Prior Years Deliveries: 1489																																	
1	2019	AF <sup>(1)</sup>	177	177	0																								0				
1	2019	FMS <sup>(2)</sup>	190	190	0																								0				
1	2019	NAVY <sup>(3)</sup>	235	235	0																								0				
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>602</b>	<b>602</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2020	AF <sup>(4)</sup>	303	303	0																								0				
1	2020	FMS <sup>(5)</sup>	199	199	0																								0				
1	2020	NAVY <sup>(6)</sup>	229	229	0																								0				
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>731</b>	<b>731</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2021	AF <sup>(7)</sup>	186	0	186	-	-	-	-	-	-	-	-	-	-	186													0				
1	2021	FMS <sup>(8)</sup>	84	0	84	-	-	-	-	-	-	-	-	-	84														0				
1	2021	NAVY <sup>(9)</sup>	217	0	217	-	-	-	-	-	-	-	-	-	217														0				
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>487</b>	<b>0</b>	<b>487</b>	-	-	-	-	-	-	-	-	-	<b>487</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2022	AF	140	0	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12	116				
1	2022	FMS <sup>(4)</sup>	157	0	157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	129				
1	2022	NAVY <sup>(4)</sup>	85	0	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	69				
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>382</b>	<b>0</b>	<b>382</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>34</b>	<b>34</b>	<b>314</b>				
1	2023	AF	417	0	417				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	417				
1	2023	FMS <sup>(4)</sup>	118	0	118				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	118				
1	2023	NAVY <sup>(4)</sup>	84	0	84				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84				
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>619</b>	<b>0</b>	<b>619</b>				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>619</b>				
1	2024	AF	143	0	143																								143				
1	2024	FMS <sup>(4)</sup>	100	0	100																								100				
1	2024	NAVY <sup>(4)</sup>	94	0	94																								94				
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>337</b>	<b>0</b>	<b>337</b>																								<b>337</b>				
1	2025	AF	147	0	147																								147				
1	2025	FMS <sup>(4)</sup>	62	0	62																								62				
1	2025	NAVY <sup>(4)</sup>	116	0	116																								116				
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>325</b>	<b>0</b>	<b>325</b>																								<b>325</b>				
						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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023													Fiscal Year 2024													BALANCE		
O C O	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				
Captive Air Training Missile (CATM) - Block II																																		
Prior Years Deliveries: 485																																		
	2	2019	AF <sup>(10)</sup>	15	15	0																											0	
	2	2019	FMS <sup>(*)</sup> (11)	34	34	0																											0	
	2	2019	NAVY <sup>(*)</sup> (12)	75	75	0																											0	
	<b>2</b>	<b>2019</b>	<b>Total</b>	<b>124</b>	<b>124</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>		
	2	2020	AF <sup>(13)</sup>	134	4	130	14	14	14	14	14	12	12	12	12	12																	0	
	2	2020	FMS <sup>(*)</sup> (14)	20	2	18	2	2	2	2	2	2	2	2	1	1																	0	
	2	2020	NAVY <sup>(*)</sup> (15)	75	14	61	7	6	6	6	6	6	6	6	6	6																	0	
	<b>2</b>	<b>2020</b>	<b>Total</b>	<b>229</b>	<b>20</b>	<b>209</b>	<b>23</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>19</b>	<b>19</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>		
	2	2021	AF	78	0	78	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	6	6	6	6	6	6					0	
	2	2022	AF	80	0	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7		66		
	2	2022	NAVY <sup>(*)</sup>	38	0	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4		30		
	<b>2</b>	<b>2022</b>	<b>Total</b>	<b>118</b>	<b>0</b>	<b>118</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>11</b>	<b>11</b>		<b>96</b>			
	2	2023	AF	80	0	80					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		80		
	2	2023	FMS <sup>(*)</sup>	76	0	76					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		76		
	2	2023	NAVY <sup>(*)</sup>	38	0	38					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		38		
	<b>2</b>	<b>2023</b>	<b>Total</b>	<b>194</b>	<b>0</b>	<b>194</b>					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		<b>194</b>		
	2	2024	AF	49	0	49																											49	
	2	2024	NAVY <sup>(*)</sup>	53	0	53																											53	
	<b>2</b>	<b>2024</b>	<b>Total</b>	<b>102</b>	<b>0</b>	<b>102</b>																											<b>102</b>	
	2	2025	AF	58	0	58																											58	
	2	2025	NAVY <sup>(*)</sup>	41	0	41																											41	
	<b>2</b>	<b>2025</b>	<b>Total</b>	<b>99</b>	<b>0</b>	<b>99</b>																											<b>99</b>	
							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	P	A	U	U	U	E	C	O	V	E	A	F	A	P	A	U	U	U	E			
							T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P				

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025													Fiscal Year 2026													BALANCE	
O C O	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			
All Up Round - Block II																																	
Prior Years Deliveries: 1489																																	
1	2019	AF <sup>(1)</sup>	177	177	0																									0			
1	2019	FMS <sup>(2)</sup>	190	190	0																									0			
1	2019	NAVY <sup>(3)</sup>	235	235	0																									0			
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>602</b>	<b>602</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2020	AF <sup>(4)</sup>	303	303	0																									0			
1	2020	FMS <sup>(5)</sup>	199	199	0																									0			
1	2020	NAVY <sup>(6)</sup>	229	229	0																									0			
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>731</b>	<b>731</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2021	AF <sup>(7)</sup>	186	186	0																									0			
1	2021	FMS <sup>(8)</sup>	84	84	0																									0			
1	2021	NAVY <sup>(9)</sup>	217	217	0																									0			
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>487</b>	<b>487</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2022	AF	140	24	116	12	12	12	12	12	12	12	12	10	10															0			
1	2022	FMS <sup>(4)</sup>	157	28	129	14	14	14	14	14	12	12	12	12	11															0			
1	2022	NAVY <sup>(4)</sup>	85	16	69	8	8	8	8	8	8	8	8	4	1															0			
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>382</b>	<b>68</b>	<b>314</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>26</b>	<b>22</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2023	AF	417	0	417	-	-	-	-	-	-	-	-	-	-	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0			
1	2023	FMS <sup>(4)</sup>	118	0	118	-	-	-	-	-	-	-	-	-	-	12	12	12	12	12	10	10	10	10	10	10	10	10	10	0			
1	2023	NAVY <sup>(4)</sup>	84	0	84	-	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0			
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>619</b>	<b>0</b>	<b>619</b>	-	-	-	-	-	-	-	-	-	-	<b>54</b>	<b>54</b>	<b>54</b>	<b>54</b>	<b>54</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>52</b>	<b>51</b>	<b>51</b>	<b>41</b>	<b>0</b>			
1	2024	AF	143	0	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	141		
1	2024	FMS <sup>(4)</sup>	100	0	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	98		
1	2024	NAVY <sup>(4)</sup>	94	0	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	93		
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>337</b>	<b>0</b>	<b>337</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>2</b>	<b>3</b>	<b>332</b>		
1	2025	AF	147	0	147																										147		
1	2025	FMS <sup>(4)</sup>	62	0	62																										62		
1	2025	NAVY <sup>(4)</sup>	116	0	116																										116		
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>325</b>	<b>0</b>	<b>325</b>																										<b>325</b>		
						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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025													Fiscal Year 2026													BALANCE	
O C O	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			
Captive Air Training Missile (CATM) - Block II																																	
Prior Years Deliveries: 485																																	
	2	2019	AF <sup>(10)</sup>	15	15	0																											0
	2	2019	FMS <sup>(#)</sup> (11)	34	34	0																											0
	2	2019	NAVY <sup>(#)</sup> (12)	75	75	0																											0
	<b>2</b>	<b>2019</b>	<b>Total</b>	<b>124</b>	<b>124</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
	2	2020	AF <sup>(13)</sup>	134	134	0																											0
	2	2020	FMS <sup>(#)</sup> (14)	20	20	0																											0
	2	2020	NAVY <sup>(#)</sup> (15)	75	75	0																											0
	<b>2</b>	<b>2020</b>	<b>Total</b>	<b>229</b>	<b>229</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
	2	2021	AF	78	78	0																											0
	2	2022	AF	80	14	66	7	7	7	7	7	7	6	6	6	6																	0
	2	2022	NAVY <sup>(#)</sup>	38	8	30	3	3	3	3	3	3	3	3	3																		0
	<b>2</b>	<b>2022</b>	<b>Total</b>	<b>118</b>	<b>22</b>	<b>96</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
	2	2023	AF	80	0	80	-	-	-	-	-	-	-	-	-	7	7	7	7	7	7	7	7	6	6	6	6						0
	2	2023	FMS <sup>(#)</sup>	76	0	76	-	-	-	-	-	-	-	-	-	7	7	7	7	6	6	6	6	6	6	6	6						0
	2	2023	NAVY <sup>(#)</sup>	38	0	38	-	-	-	-	-	-	-	-	-	2	2	2	2	2	4	4	4	4	4	4	4						0
	<b>2</b>	<b>2023</b>	<b>Total</b>	<b>194</b>	<b>0</b>	<b>194</b>	-	-	-	-	-	-	-	-	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>						<b>0</b>	
	2	2024	AF	49	0	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	40	
	2	2024	NAVY <sup>(#)</sup>	53	0	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	44	
	<b>2</b>	<b>2024</b>	<b>Total</b>	<b>102</b>	<b>0</b>	<b>102</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>9</b>	<b>9</b>	<b>84</b>		
	2	2025	AF	58	0	58																											58
	2	2025	NAVY <sup>(#)</sup>	41	0	41																											41
	<b>2</b>	<b>2025</b>	<b>Total</b>	<b>99</b>	<b>0</b>	<b>99</b>																											<b>99</b>
							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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027													Fiscal Year 2028													BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	Calendar Year 2027													Calendar Year 2028													
							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			
All Up Round - Block II																																	
Prior Years Deliveries: 1489																																	
1	2019	AF <sup>(1)</sup>	177	177	0																								0				
1	2019	FMS <sup>(2)</sup>	190	190	0																								0				
1	2019	NAVY <sup>(3)</sup>	235	235	0																								0				
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>602</b>	<b>602</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2020	AF <sup>(4)</sup>	303	303	0																								0				
1	2020	FMS <sup>(5)</sup>	199	199	0																								0				
1	2020	NAVY <sup>(6)</sup>	229	229	0																								0				
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>731</b>	<b>731</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2021	AF <sup>(7)</sup>	186	186	0																								0				
1	2021	FMS <sup>(8)</sup>	84	84	0																								0				
1	2021	NAVY <sup>(9)</sup>	217	217	0																								0				
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>487</b>	<b>487</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2022	AF	140	140	0																								0				
1	2022	FMS <sup>(4)</sup>	157	157	0																								0				
1	2022	NAVY <sup>(4)</sup>	85	85	0																								0				
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>382</b>	<b>382</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2023	AF	417	417	0																								0				
1	2023	FMS <sup>(4)</sup>	118	118	0																								0				
1	2023	NAVY <sup>(4)</sup>	84	84	0																								0				
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>619</b>	<b>619</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2024	AF	143	2	141	14	14	14	14	13	12	12	12	12	12	12													0				
1	2024	FMS <sup>(4)</sup>	100	2	98	8	8	8	8	8	8	10	10	10	10	10													0				
1	2024	NAVY <sup>(4)</sup>	94	1	93	9	9	9	9	9	8	8	8	8	8	8													0				
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>337</b>	<b>5</b>	<b>332</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2025	AF	147	0	147	-	-	-	-	-	-	-	-	-	18	18	12	12	12	12	12	12	12	12	8	7			0				
1	2025	FMS <sup>(4)</sup>	62	0	62	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	4	4	4	4	4			0				
1	2025	NAVY <sup>(4)</sup>	116	0	116	-	-	-	-	-	-	-	-	-	10	10	10	10	10	10	10	10	9	9	9	9			0				
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>325</b>	<b>0</b>	<b>325</b>	-	-	-	-	-	-	-	-	-	<b>34</b>	<b>34</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>26</b>	<b>25</b>	<b>25</b>	<b>21</b>	<b>20</b>	-	-	<b>0</b>				
						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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** M09HAI / Sidewinder (AIM-9X) **Item Number / Title [DODIC]:** Sidewinder (AIM-9X)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027														Fiscal Year 2028														BALANCE	
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 O C T 2 0 2 6	BAL D U E A S O F 1 O C T	Calendar Year 2027														Calendar Year 2028														
							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					
Captive Air Training Missile (CATM) - Block II																																			
Prior Years Deliveries: 485																																			
2	2019	AF <sup>(10)</sup>	15	15	0																							0							
2	2019	FMS <sup>(#)(11)</sup>	34	34	0																							0							
2	2019	NAVY <sup>(#)(12)</sup>	75	75	0																							0							
<b>2</b>	<b>2019</b>	<b>Total</b>	<b>124</b>	<b>124</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
2	2020	AF <sup>(13)</sup>	134	134	0																							0							
2	2020	FMS <sup>(#)(14)</sup>	20	20	0																							0							
2	2020	NAVY <sup>(#)(15)</sup>	75	75	0																							0							
<b>2</b>	<b>2020</b>	<b>Total</b>	<b>229</b>	<b>229</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
2	2021	AF	78	78	0																							0							
2	2022	AF	80	80	0																							0							
2	2022	NAVY <sup>(#)</sup>	38	38	0																							0							
<b>2</b>	<b>2022</b>	<b>Total</b>	<b>118</b>	<b>118</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
2	2023	AF	80	80	0																							0							
2	2023	FMS <sup>(#)</sup>	76	76	0																							0							
2	2023	NAVY <sup>(#)</sup>	38	38	0																							0							
<b>2</b>	<b>2023</b>	<b>Total</b>	<b>194</b>	<b>194</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
2	2024	AF	49	9	40	4	4	4	4	4	4	4	4	4														0							
2	2024	NAVY <sup>(#)</sup>	53	9	44	4	5	4	5	5	4	5	4	4	4													0							
<b>2</b>	<b>2024</b>	<b>Total</b>	<b>102</b>	<b>18</b>	<b>84</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>8</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
2	2025	AF	58	0	58	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	5	5	5	5	5	3		0							
2	2025	NAVY <sup>(#)</sup>	41	0	41	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4	1		0							
<b>2</b>	<b>2025</b>	<b>Total</b>	<b>99</b>	<b>0</b>	<b>99</b>	-	-	-	-	-	-	-	-	-	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4</b>	-	<b>0</b>							
						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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> M09HAI / Sidewinder (AIM-9X)	<b>Item Number / Title [DODIC]:</b> Sidewinder (AIM-9X)
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Raytheon Missile Systems - Tucson, AZ	300	600	1,400	0	0	0	0	1	6	29	35
2	Raytheon Missile Systems - Tucson, AZ	300	600	1,400	0	0	0	0	0	6	29	35

**Remarks:**  
In FY 2025, the Air Force will procure 205 missiles. Specifically, 147 All-Up Rounds (AURs) and 58 Captive Air Training Missiles (CATMs). The CATM deliveries will be congruent with the AUR deliveries.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule. "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 2022 loaded in the month of first delivery.
- (2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (3) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (4) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (5) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (6) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (7) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (8) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (9) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (10) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (11) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (12) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (13) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (14) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (15) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207163F

**Line Item MDAP/MAIS Code:** 185

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	10,843	319	457	462	-	462	664	118	9	-	-	12,872
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	10,803.173	371.104	489.049	518.176	-	518.176	738.090	186.616	39.966	0.000	-	13,146.174
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	0.000	70.803	-	70.803	70.803	70.804	0.000	0.000	-	212.410
Net Procurement (P-1) ( <i>\$ in Millions</i> )	10,803.173	371.104	489.049	447.373	-	447.373	667.287	115.812	39.966	0.000	-	12,933.764
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	0.000	212.410	0.000	-	0.000	0.000	0.000	0.000	0.000	-	212.410
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>10,803.173</b>	<b>371.104</b>	<b>701.459</b>	<b>447.373</b>	<b>-</b>	<b>447.373</b>	<b>667.287</b>	<b>115.812</b>	<b>39.966</b>	<b>0.000</b>	<b>-</b>	<b>13,146.174</b>

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

Initial Spares ( <i>\$ in Millions</i> )	92.726	4.465	2.286	2.336	-	2.336	3.363	2.404	2.456	2.504	-	112.540
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	0.996	1.163	1.070	1.122	-	1.122	1.112	1.581	4.441	-	-	1.021

**Description:**

The Advanced Medium Range Air-to-Air Missile (AMRAAM) is a joint United States Air Force (USAF)/United States Navy (USN), Acquisition Category 1C program with USAF as lead service. AMRAAM is the premier all-weather, all-environment radar guided missile with improved capabilities against very low and high-altitude targets in an electronic attack environment. The current AMRAAM AIM-120D variant delivers improved performance via Global Positioning System (GPS) aided navigation; two way datalink capability for enhanced aircrew survivability and improved network compatibility; and incorporates new guidance software that improves kinematic performance and weapon effectiveness.

FY25 continues procurement and support of AMRAAM for the USAF and USN in Lot 39 in conjunction with FY24 Economic Order Quantities financing for Lots 38-41. USAF funds will procure 462 AMRAAM missiles in support of warfighter requirements. Missile configurations may vary based on warfighter needs, which include assets used for training and Weapon System Evaluation Program (WSEP).

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

Differences in USAF and USN All Up Round (AUR) Unit Cost is the result of the variations in procurement of missile types by each service.

The FY 2025 funding request was reduced by \$.300 million to account for the availability of prior year execution balances

Funding for this exhibit contained in PE 0207163F.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207163F

**Line Item MDAP/MAIS Code:** 185

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	AMRAAM	P-5a, P-21	A		10,843 / 10,803.173	319 / 371.104	457 / 489.049	462 / 518.176	- / -	462 / 518.176
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>10,843 / 10,803.173</b>	<b>319 / 371.104</b>	<b>457 / 489.049</b>	<b>462 / 518.176</b>	<b>- / -</b>	<b>462 / 518.176</b>

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

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

**Justification:**  
 FY25 continues procurement and support of AMRAAM for the USAF and USN in Lot 39. USAF funds will procure 462 AMRAAM missiles in support of warfighter requirements. Missile configurations may vary based on warfighter needs, which include assets used for training and Weapon System Evaluation Program (WSEP).  
  
 Funding provides for test and technical production support, procurement of training equipment and test equipment/test equipment upgrades to support the AMRAAM configurations. Additionally, funding is used to resolve production Diminishing Manufacturing Sources and Material Shortages, obsolescence issues, studies, bridge buys, life of type buys, supplier/parts replacement and qualification activities to preserve future production capabilities and capacities.  
  
 Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, US Code Section 3069 BUY-TO-BUDGET ACQUISITION.



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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM	<b>Item Number / Title [DODIC]:</b> AMRAAM
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	10,843	319	457	462	-	462
Gross/Weapon System Cost (\$ in Millions)	10,803.173	371.104	489.049	518.176	-	518.176
Less PY Advance Procurement (\$ in Millions)	-	0.000	0.000	70.803	-	70.803
Net Procurement (P-1) (\$ in Millions)	10,803.173	371.104	489.049	447.373	-	447.373
Plus CY Advance Procurement (\$ in Millions)	-	0.000	212.410	0.000	-	0.000
<b>Total Obligation Authority (\$ in Millions)</b>	<b>10,803.173</b>	<b>371.104</b>	<b>701.459</b>	<b>447.373</b>	<b>-</b>	<b>447.373</b>

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

Initial Spares (\$ in Millions)	92.726	4.465	2.286	2.336	-	2.336
Gross/Weapon System Unit Cost (\$ in Millions)	0.996	1.163	1.070	1.122	-	1.122

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Hardware - Hardware End Item Cost</b>																		
Recurring Cost																		
AIM-120 Missile All Up Round (AUR) <sup>(1)</sup>	0.890	10,359	9,223.959	0.986	319	314.460	0.942	457	430.509	1.030	462	475.923	-	-	-	1.030	462	475.923
AIM-120 Missile Captive Air Training Missile (CATM)	0.619	484	299.416	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Warranty	-	-	70.328	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Diminishing Manufacturing Sources/Material Shortages (DMS/MS)	-	-	572.849	-	-	13.904	-	-	9.130	-	-	13.286	-	-	-	-	-	13.286
Tooling and Test Equipment	-	-	144.612	-	-	2.211	-	-	7.489	-	-	2.607	-	-	-	-	-	2.607
Engineering Change Orders	-	-	2.755	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	<b>10,313.919</b>	-	-	<b>330.575</b>	-	-	<b>447.128</b>	-	-	<b>491.816</b>	-	-	-	-	-	<b>491.816</b>
<i>Subtotal: Hardware - Hardware End Item Cost</i>	-	-	<b>10,313.919</b>	-	-	<b>330.575</b>	-	-	<b>447.128</b>	-	-	<b>491.816</b>	-	-	-	-	-	<b>491.816</b>
<b>Ancillary Equipment - Ancillary Equipment End Item Cost</b>																		
Recurring Cost																		
Containers and Cables	-	-	14.305	-	-	1.275	-	-	1.301	-	-	1.327	-	-	-	-	-	1.327
<i>Subtotal: Recurring Cost</i>	-	-	<b>14.305</b>	-	-	<b>1.275</b>	-	-	<b>1.301</b>	-	-	<b>1.327</b>	-	-	-	-	-	<b>1.327</b>
<i>Subtotal: Ancillary Equipment -</i>	-	-	<b>14.305</b>	-	-	<b>1.275</b>	-	-	<b>1.301</b>	-	-	<b>1.327</b>	-	-	-	-	-	<b>1.327</b>

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>												<b>Date:</b> March 2024					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2						<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM						<b>Item Number / Title [DODIC]:</b> AMRAAM					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A												<b>MDAP/MAIS Code:</b>					

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Ancillary/Equipment End Item Cost</i>																		
<b>Support - Support End Item Cost</b>																		
Production Test/Support	-	-	144.843	-	-	3.891	-	-	3.969	-	-	4.049	-	-	-	-	-	4.049
Program Support Costs (PSC) Other Government Costs	-	-	35.339	-	-	1.414	-	-	1.443	-	-	1.472	-	-	-	-	-	1.472
PSC Contractor Services	-	-	31.267	-	-	2.807	-	-	2.863	-	-	2.920	-	-	-	-	-	2.920
Training Equipment	-	-	263.500	-	-	31.142	-	-	32.345	-	-	16.592	-	-	-	-	-	16.592
<i>Subtotal: Support - Support End Item Cost</i>	-	-	<b>474.949</b>	-	-	<b>39.254</b>	-	-	<b>40.620</b>	-	-	<b>25.033</b>	-	-	-	-	-	<b>25.033</b>
<b>Gross/Weapon System Cost</b>	<b>0.996</b>	<b>10,843</b>	<b>10,803.173</b>	<b>1.163</b>	<b>319</b>	<b>371.104</b>	<b>1.070</b>	<b>457</b>	<b>489.049</b>	<b>1.122</b>	<b>462</b>	<b>518.176</b>	-	-	-	<b>1.122</b>	<b>462</b>	<b>518.176</b>

**Remarks:**

- 1) Lot 37 Contract awarded in June 2023; MYP Contract (Lots 38-41) will award July 2025.
- 2) Unit cost quantity dependent. Changes in total quantity directly impacts unit price for USAF, USN, and Foreign Military Sales. The Total Prior Years Weapon System Cost Element, Prior Years column entries are composite numbers for all AIM-120 variants.
- 3) The Production/Test Support cost element includes costs such as engineering studies, technical support, network security, and modification of special test assets.
- 4) The Training Equipment cost element includes telemetry instrumentation units to support Weapon System Evaluation Program (WSEP) and modification of telemetry components to maintain compatibility with F-22, F-35 and test range infrastructure.
- 5) CATMS: Total Procurement objective includes CATMS & AUR. Quantity subject to changes based on warfighter requirements.

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

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**Exhibit P-5a, Procurement History and Planning: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM	<b>Item Number / Title [DODIC]:</b> AMRAAM
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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
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2019	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Dec 2019	Oct 2020	190	0.891	Y		Nov 2017
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2020	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Mar 2021	Jul 2022	89	0.891	Y		Sep 2018
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2021	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Aug 2022	Oct 2022	269	0.100	Y		Sep 2018
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2022	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Aug 2022	Oct 2024	317	0.880	Y		Sep 2018
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2023	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Jun 2023	Jun 2026	319	0.986	Y		Sep 2021
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2024	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Jul 2025	Nov 2028	457	0.942	Y		Jan 2024
AIM-120 Missile All Up Round (AUR) <sup>(†)</sup>		2025	Raytheon Missile Systems / Tucson, AZ	SS / FPIF	Eglin AFB	Jul 2025	Nov 2029	462	1.030	Y		Jan 2024

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**  
Unit Cost is quantity dependent; changes in total quantity directly impact unit price for USAF, USN, and Foreign Military Sales.

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM **Item Number / Title [DODIC]:** AMRAAM

Cost Elements <i>(Units in Each)</i>				Fiscal Year 2020														Fiscal Year 2021														BALANCE			
O C C O	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					
AIM-120 Missile All Up Round (AUR)																																			
Prior Years Deliveries: 9494																																			
	1	2019	AF <sup>(1)</sup>	190	0	190			A -	-	-	-	-	-	-	-	-	-	190												0				
	1	2019	FMS <sup>(2)</sup>	434	0	434			A -	-	-	-	-	-	-	-	-	-	434												0				
	1	2019	NAVY <sup>(3)</sup>	113	0	113			A -	-	-	-	-	-	-	-	-	-	113												0				
	<b>1</b>	<b>2019</b>	<b>Total</b>	<b>737</b>	<b>0</b>	<b>737</b>			-	-	-	-	-	-	-	-	-	-	<b>737</b>											<b>0</b>					
	1	2020	AF <sup>(4)</sup>	89	0	89																				A -	-	-	-	-	-	89			
	1	2020	FMS <sup>(5)</sup>	300	0	300																				A -	-	-	-	-	-	300			
	1	2020	NAVY <sup>(6)</sup>	111	0	111																				A -	-	-	-	-	-	111			
	<b>1</b>	<b>2020</b>	<b>Total</b>	<b>500</b>	<b>0</b>	<b>500</b>																				-	-	-	-	-	-	<b>500</b>			
	1	2021	AF	269	0	269																									269				
	1	2021	FMS <sup>(7)</sup>	164	0	164																									164				
	1	2021	NAVY <sup>(8)</sup>	174	0	174																									174				
	<b>1</b>	<b>2021</b>	<b>Total</b>	<b>607</b>	<b>0</b>	<b>607</b>																									<b>607</b>				
	1	2022	AF	317	0	317																									317				
	1	2022	FMS <sup>(9)</sup>	547	0	547																									547				
	1	2022	NAVY <sup>(10)</sup>	85	0	85																									85				
	<b>1</b>	<b>2022</b>	<b>Total</b>	<b>949</b>	<b>0</b>	<b>949</b>																									<b>949</b>				
	1	2023	AF	319	0	319																									319				
	1	2023	FMS <sup>(11)</sup>	364	0	364																									364				
	1	2023	NAVY <sup>(12)</sup>	306	0	306																									306				
	<b>1</b>	<b>2023</b>	<b>Total</b>	<b>989</b>	<b>0</b>	<b>989</b>																									<b>989</b>				
	1	2024	AF	457	0	457																									457				
	1	2024	FMS <sup>(13)</sup>	350	0	350																									350				
	1	2024	NAVY <sup>(14)</sup>	374	0	374																									374				
	<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,181</b>	<b>0</b>	<b>1,181</b>																									<b>1,181</b>				
	1	2025	AF	462	0	462																									462				
	1	2025	FMS <sup>(15)</sup>	350	0	350																									350				
	1	2025	NAVY <sup>(16)</sup>	261	0	261																									261				
	<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,073</b>	<b>0</b>	<b>1,073</b>																									<b>1,073</b>				
									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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM **Item Number / Title [DODIC]:** AMRAAM

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			
AIM-120 Missile All Up Round (AUR)																																	
Prior Years Deliveries: 9494																																	
1	2019	AF <sup>(1)</sup>	190	190	0																							0					
1	2019	FMS <sup>(2)</sup>	434	434	0																							0					
1	2019	NAVY <sup>(3)</sup>	113	113	0																							0					
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>737</b>	<b>737</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2020	AF <sup>(4)</sup>	89	0	89									55														34					
1	2020	FMS <sup>(5)</sup>	300	0	300									186														114					
1	2020	NAVY <sup>(6)</sup>	111	0	111									66														45					
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>500</b>	<b>0</b>	<b>500</b>									<b>307</b>														<b>193</b>					
1	2021	AF	269	0	269																							0					
1	2021	FMS <sup>(7)</sup>	164	0	164																							0					
1	2021	NAVY <sup>(8)</sup>	174	0	174																							75					
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>607</b>	<b>0</b>	<b>607</b>																							<b>75</b>					
1	2022	AF	317	0	317																							317					
1	2022	FMS <sup>(9)</sup>	547	0	547																							547					
1	2022	NAVY <sup>(10)</sup>	85	0	85																							85					
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>949</b>	<b>0</b>	<b>949</b>																							<b>949</b>					
1	2023	AF	319	0	319																							319					
1	2023	FMS <sup>(11)</sup>	364	0	364																							364					
1	2023	NAVY <sup>(12)</sup>	306	0	306																							306					
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>989</b>	<b>0</b>	<b>989</b>																							<b>989</b>					
1	2024	AF	457	0	457																							457					
1	2024	FMS <sup>(13)</sup>	350	0	350																							350					
1	2024	NAVY <sup>(14)</sup>	374	0	374																							374					
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,181</b>	<b>0</b>	<b>1,181</b>																							<b>1,181</b>					
1	2025	AF	462	0	462																							462					
1	2025	FMS <sup>(15)</sup>	350	0	350																							350					
1	2025	NAVY <sup>(16)</sup>	261	0	261																							261					
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,073</b>	<b>0</b>	<b>1,073</b>																							<b>1,073</b>					
						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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM **Item Number / Title [DODIC]:** AMRAAM

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			
AIM-120 Missile All Up Round (AUR)																																	
Prior Years Deliveries: 9494																																	
1	2019	AF <sup>(1)</sup>	190	190	0																								0				
1	2019	FMS <sup>(2)</sup>	434	434	0																								0				
1	2019	NAVY <sup>(3)</sup>	113	113	0																								0				
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>737</b>	<b>737</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2020	AF <sup>(4)</sup>	89	55	34	11	-	-	11	-	-	12																	0				
1	2020	FMS <sup>(5)</sup>	300	186	114	38	-	-	38	-	-	38																	0				
1	2020	NAVY <sup>(6)</sup>	111	66	45	15	-	-	15	-	-	15																	0				
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>500</b>	<b>307</b>	<b>193</b>	<b>64</b>	-	-	<b>64</b>	-	-	<b>65</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2021	AF	269	269	0	-	-	-	-	-	-	-																	0				
1	2021	FMS <sup>(2)</sup>	164	164	0	-	-	-	-	-	-	-																	0				
1	2021	NAVY <sup>(2)</sup>	174	99	75	18	-	-	19	-	-	19	-	-	19														0				
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>607</b>	<b>532</b>	<b>75</b>	<b>18</b>	-	-	<b>19</b>	-	-	<b>19</b>	-	-	<b>19</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
1	2022	AF	317	0	317	-	-	-	-	-	-	-																	0				
1	2022	FMS <sup>(2)</sup>	547	0	547	-	-	-	-	-	-	-																	0				
1	2022	NAVY <sup>(2)</sup>	85	0	85	-	-	-	-	-	-	-																	44				
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>949</b>	<b>0</b>	<b>949</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>44</b>				
1	2023	AF	319	0	319	-	-	-	-	-	-	-																	319				
1	2023	FMS <sup>(2)</sup>	364	0	364	-	-	-	-	-	-	-																	364				
1	2023	NAVY <sup>(2)</sup>	306	0	306	-	-	-	-	-	-	-																	306				
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>989</b>	<b>0</b>	<b>989</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>989</b>				
1	2024	AF	457	0	457																								457				
1	2024	FMS <sup>(2)</sup>	350	0	350																								350				
1	2024	NAVY <sup>(2)</sup>	374	0	374																								374				
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,181</b>	<b>0</b>	<b>1,181</b>																								<b>1,181</b>				
1	2025	AF	462	0	462																								462				
1	2025	FMS <sup>(2)</sup>	350	0	350																								350				
1	2025	NAVY <sup>(2)</sup>	261	0	261																								261				
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,073</b>	<b>0</b>	<b>1,073</b>																								<b>1,073</b>				
						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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<b>Exhibit P-21, Production Schedule:</b> PB 2025 Air Force	<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM
<b>Item Number / Title [DODIC]:</b> AMRAAM	

Cost Elements (Units in Each)						Fiscal Year 2026														Fiscal Year 2027												BALANCE				
OC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	Calendar Year 2026														Calendar Year 2027															
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
AIM-120 Missile All Up Round (AUR)																																				
Prior Years Deliveries: 9494																																				
1	2019	AF <sup>(1)</sup>		190	190	0																													0	
1	2019	FMS <sup>(#)</sup> (2)		434	434	0																													0	
1	2019	NAVY <sup>(#)</sup> (3)		113	113	0																													0	
<b>1</b>	<b>2019</b>	<b>Total</b>		<b>737</b>	<b>737</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>		
1	2020	AF <sup>(4)</sup>		89	89	0																													0	
1	2020	FMS <sup>(#)</sup> (5)		300	300	0																													0	
1	2020	NAVY <sup>(#)</sup> (6)		111	111	0																													0	
<b>1</b>	<b>2020</b>	<b>Total</b>		<b>500</b>	<b>500</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
1	2021	AF		269	269	0																													0	
1	2021	FMS <sup>(#)</sup>		164	164	0																													0	
1	2021	NAVY <sup>(#)</sup>		174	174	0																													0	
<b>1</b>	<b>2021</b>	<b>Total</b>		<b>607</b>	<b>607</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
1	2022	AF		317	317	0																													0	
1	2022	FMS <sup>(#)</sup>		547	547	0																													0	
1	2022	NAVY <sup>(#)</sup>		85	41	44	11				11				11																				0	
<b>1</b>	<b>2022</b>	<b>Total</b>		<b>949</b>	<b>905</b>	<b>44</b>	<b>11</b>				<b>11</b>				<b>11</b>																				<b>0</b>	
1	2023	AF		319	0	319									79																				0	
1	2023	FMS <sup>(#)</sup>		364	0	364									91																				0	
1	2023	NAVY <sup>(#)</sup>		306	0	306									76																				0	
<b>1</b>	<b>2023</b>	<b>Total</b>		<b>989</b>	<b>0</b>	<b>989</b>								<b>246</b>																					<b>0</b>	
1	2024	AF		457	0	457																													457	
1	2024	FMS <sup>(#)</sup>		350	0	350																													350	
1	2024	NAVY <sup>(#)</sup>		374	0	374																													374	
<b>1</b>	<b>2024</b>	<b>Total</b>		<b>1,181</b>	<b>0</b>	<b>1,181</b>																													<b>1,181</b>	
1	2025	AF		462	0	462																													462	
1	2025	FMS <sup>(#)</sup>		350	0	350																													350	
1	2025	NAVY <sup>(#)</sup>		261	0	261																													261	
<b>1</b>	<b>2025</b>	<b>Total</b>		<b>1,073</b>	<b>0</b>	<b>1,073</b>																													<b>1,073</b>	
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM **Item Number / Title [DODIC]:** AMRAAM

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2028												Fiscal Year 2029												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2027	BAL DUE AS OF 1 OCT	Calendar Year 2028												Calendar Year 2029												
							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
AIM-120 Missile All Up Round (AUR)																															
Prior Years Deliveries: 9494																															
1	2019	AF <sup>(1)</sup>	190	190	0																							0			
1	2019	FMS <sup>(2)</sup>	434	434	0																							0			
1	2019	NAVY <sup>(3)</sup>	113	113	0																							0			
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>737</b>	<b>737</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2020	AF <sup>(4)</sup>	89	89	0																							0			
1	2020	FMS <sup>(5)</sup>	300	300	0																							0			
1	2020	NAVY <sup>(6)</sup>	111	111	0																							0			
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>500</b>	<b>500</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2021	AF	269	269	0																							0			
1	2021	FMS <sup>(7)</sup>	164	164	0																							0			
1	2021	NAVY <sup>(8)</sup>	174	174	0																							0			
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>607</b>	<b>607</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2022	AF	317	317	0																							0			
1	2022	FMS <sup>(9)</sup>	547	547	0																							0			
1	2022	NAVY <sup>(10)</sup>	85	85	0																							0			
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>949</b>	<b>949</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2023	AF	319	319	0																							0			
1	2023	FMS <sup>(11)</sup>	364	364	0																							0			
1	2023	NAVY <sup>(12)</sup>	306	306	0																							0			
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>989</b>	<b>989</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>			
1	2024	AF	457	0	457	-	-	-	-	-	-	-	-	-	-	-	-	114	-	-	114	-	-	114	-	-	115	0			
1	2024	FMS <sup>(13)</sup>	350	0	350	-	-	-	-	-	-	-	-	-	-	-	88	-	-	87	-	-	87	-	-	88	0				
1	2024	NAVY <sup>(14)</sup>	374	0	374	-	-	-	-	-	-	-	-	-	-	93	-	-	93	-	-	94	-	-	94	0					
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,181</b>	<b>0</b>	<b>1,181</b>	-	-	-	-	-	-	-	-	-	-	<b>295</b>	-	-	<b>294</b>	-	-	<b>295</b>	-	-	<b>297</b>	-	<b>0</b>				
1	2025	AF	462	0	462	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	462				
1	2025	FMS <sup>(15)</sup>	350	0	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350				
1	2025	NAVY <sup>(16)</sup>	261	0	261	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	261				
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,073</b>	<b>0</b>	<b>1,073</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,073</b>				
						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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM **Item Number / Title [DODIC]:** AMRAAM

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2030													Fiscal Year 2031													BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2029	BAL DUE AS OF 1 OCT	Calendar Year 2030													Calendar Year 2031													
							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			
AIM-120 Missile All Up Round (AUR)																																	
Prior Years Deliveries: 9494																																	
1	2019	AF <sup>(1)</sup>	190	190	0																							0					
1	2019	FMS <sup>(2)</sup>	434	434	0																							0					
1	2019	NAVY <sup>(3)</sup>	113	113	0																							0					
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>737</b>	<b>737</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2020	AF <sup>(4)</sup>	89	89	0																							0					
1	2020	FMS <sup>(5)</sup>	300	300	0																							0					
1	2020	NAVY <sup>(6)</sup>	111	111	0																							0					
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>500</b>	<b>500</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2021	AF	269	269	0																							0					
1	2021	FMS <sup>(7)</sup>	164	164	0																							0					
1	2021	NAVY <sup>(8)</sup>	174	174	0																							0					
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>607</b>	<b>607</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2022	AF	317	317	0																							0					
1	2022	FMS <sup>(9)</sup>	547	547	0																							0					
1	2022	NAVY <sup>(10)</sup>	85	85	0																							0					
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>949</b>	<b>949</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2023	AF	319	319	0																							0					
1	2023	FMS <sup>(11)</sup>	364	364	0																							0					
1	2023	NAVY <sup>(12)</sup>	306	306	0																							0					
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>989</b>	<b>989</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2024	AF	457	457	0																							0					
1	2024	FMS <sup>(13)</sup>	350	350	0																							0					
1	2024	NAVY <sup>(14)</sup>	374	374	0																							0					
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,181</b>	<b>1,181</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
1	2025	AF	462	0	462	-	115	-	116	-	-	115	-	-	116													0					
1	2025	FMS <sup>(15)</sup>	350	0	350	-	87	-	88	-	-	87	-	-	88													0					
1	2025	NAVY <sup>(16)</sup>	261	0	261	-	65	-	65	-	-	65	-	-	66													0					
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,073</b>	<b>0</b>	<b>1,073</b>	-	<b>267</b>	-	<b>269</b>	-	-	<b>267</b>	-	-	<b>270</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
							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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<b>Exhibit P-21, Production Schedule:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM	<b>Item Number / Title [DODIC]:</b> AMRAAM
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Raytheon Missile Systems - Tucson, AZ	400	400	1,200	0	0	0	0	0	0	10	52	62

**Remarks:**  
Due to Service specific guidance, differences exist between USAF and DoN Initial and Reorder Procurement Leadtime.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule. "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 2022 loaded in the month of first delivery.
  - (2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
  - (3) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
  - (4) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
  - (5) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
  - (6) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical	<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM
--	---

Program Elements for Code B Items: N/A	Other Related Program Elements: 0207163F
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Line Item MDAP/MAIS Code: 185

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.000	212.410	0.000	-	0.000	0.000	0.000	0.000	0.000	-	212.410
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.000	212.410	0.000	-	0.000	0.000	0.000	0.000	0.000	-	212.410
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.000</b>	<b>212.410</b>	<b>0.000</b>	-	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>212.410</b>

**Description:**

In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for AMRAAM; JASSM; LRASM; and Standard Missile-6, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-budget concept, to further improve efficiencies and yields.

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** MAMRA0 / AMRAAM

**Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207163F

**Line Item MDAP/MAIS Code:** 185

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	AMRAAM			10,843 / -	319 / 0.000	457 / 212.410	462 / 0.000	- / -	462 / 0.000
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>10,843 / -</b>	<b>319 / 0.000</b>	<b>457 / 212.410</b>	<b>462 / 0.000</b>	<b>- / -</b>	<b>462 / 0.000</b>

\*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:**

In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for AMRAAM; JASSM; LRASM; and Standard Missile-6, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-budget concept, to further improve efficiencies and yields.

There is no EOQ funding requested in FY25.

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<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2025 Air Force					<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2			<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM			<b>P-5 Number / Title:</b> AMRAAM	
<b>First System (2025) Award Date:</b> February 2025		<b>First System (2025) Completion Date:</b> September 2028			<b>Interval Between Systems:</b> 48 Months		
<b>AMRAAM</b>		<b>Production Leadtime</b> <i>(Months)</i>	<b>Prior Years</b> <i>(Each)</i>	<b>FY 2023</b> <i>(Each)</i>	<b>FY 2024</b> <i>(Each)</i>	<b>FY 2025</b> <i>(Each)</i>	
Quantity		40	10,843	319	457	462	
<b>Cost Elements</b>		<b>When Required</b> <i>(Months)</i>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025</b> <i>(\$ M)</i>	
<b>EOQ</b>							
AIM-120 Missile All Up Round (AUR): Antenna Switch Filter Assemblies		26	-	-	83.078	-	
AIM-120 Missile All Up Round (AUR): Converters, Datalink Assemblies/Receivers, RF Processors		16	-	-	26.046	-	
AIM-120 Missile All Up Round (AUR): Propulsion Sections		20	-	-	32.782	-	
AIM-120 Missile All Up Round (AUR): Control Section Assemblies		18	-	-	11.826	-	
AIM-120 Missile All Up Round (AUR): Semiconductors/CCA Assemblies		13	-	-	40.865	-	
AIM-120 Missile All Up Round (AUR): Warheads		18	-	-	8.233	-	
AIM-120 Missile All Up Round (AUR): Fuselage and Fin Assemblies		23	-	-	7.709	-	
AIM-120 Missile All Up Round (AUR): Flight Termination Dishes: Harness Covers		18	-	-	1.871	-	
<i>Total: EOQ</i>			-	-	212.410	-	
<b>Total Advance Procurement/Obligation Authority</b>			-	<b>0.000</b>	<b>212.410</b>	<b>0.000</b>	

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> MAMRA0 / AMRAAM	<b>P-5 Number / Title:</b> AMRAAM
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Cost Elements	QPA <i>(Each)</i>	FY 2025					Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
<b>EOQ</b>							
AIM-120 Missile All Up Round (AUR): Antenna Switch Filter Assemblies	-						-
AIM-120 Missile All Up Round (AUR): Converters, Datalink Assemblies/ Receivers, RF Processors	-						-
AIM-120 Missile All Up Round (AUR): Propulsion Sections	-						-
AIM-120 Missile All Up Round (AUR): Control Section Assemblies	-						-
AIM-120 Missile All Up Round (AUR): Semiconductors/CCA Assemblies	-						-
AIM-120 Missile All Up Round (AUR): Warheads	-						-
AIM-120 Missile All Up Round (AUR): Fuselage and Fin Assemblies	-						-
AIM-120 Missile All Up Round (AUR): Flight Termination Dishes: Harness Covers	-						-
<i>Total: EOQ</i>							-
<b>Total Advance Procurement/Obligation Authority</b>							<b>0.000</b>

**Description:**  
 In the FY 2024 budget request, the Department initiated a Multiyear Procurement (MYP) strategy for AMRAAM; JASSM; LRASM; and Standard Missile-6, under the Large Lot Procurement (LLP) concept in which individual MYPs would be executed in a concurrent and overlapping multiyear strategy so that synergies in production across different but related programs can generate efficiencies and result in greater production capacity, accelerated delivery, and lower unit costs. LLP represents an evolution of the existing MYP contracting and financing strategy, that leverages the savings generated through the use of Economic Order Quantities (EOQ) financing to procure additional lots of missiles under a Buy-to-budget concept, to further improve efficiencies and yields.

**\*\*Note -** EOQ was calculated as 15% of the Procurement Funding associated with a MYP contract beginning with a contract award in FY25 and culminating in FY27. The EOQ funding is NOT calculated using a single year procurement quantity or funding amount.

There is no EOQ funding requested in FY25.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** PRDTA2 / Predator Hellfire Missile

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

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

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	1.040	1.049	0.000	-	0.000	0.000	0.000	0.000	0.000	-	2.089
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	1.040	1.049	0.000	-	0.000	0.000	0.000	0.000	0.000	-	2.089
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>1.040</b>	<b>1.049</b>	<b>0.000</b>	-	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	-	<b>2.089</b>

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

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

**Description:**

In FY2024, PRDTA2, Hellfire was completed.

The Army is the Lead Service for the HELLFIRE Missile program with Air Force missiles being procured through the Army's Redstone Arsenal. HELLFIRE missiles (all variants) provide precision-kill capability and has become a key weapon in overseas operations. Laser HELLFIRE uses semi-active laser terminal guidance. The latest variant provides for point target precision strike and is effective against countermeasures. The HELLFIRE missiles are used by the MQ-9 Reaper aircraft.

HELLFIRE procurement funding supports the entire HELLFIRE system to include resolution of obsolescence, end-of-life buys, safety, insensitive munitions, reliability, weapon integration activities, test sets, engineering changes, modifications, facilitation, production ramp-up activities and production issues. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues. HELLFIRE unit cost may vary based on procurement quantities of Lead Service, other Services and/or Foreign Military Sales (FMS) for HELLFIRE. Prior to FY08, HELLFIRE missiles were procured under the Predator PE 0305219F.

Note: These funds may also procure inventoried items which may not be procured on an annual basis and could be required on an emerging basis. Variations to cover critical shortfalls to inventory objectives as well as actual and planned expenditures will be addressed during execution year. 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.

Funds may be used to address production Diminishing Manufacturing Sources (DMS)/Material Shortages/Obsolescence issues through studies, bridge buys, life of type buys, supplier/parts replacement, to include electronic components used commercially and in short supply, and qualification activities to preserve future production capabilities and capacities.

Funding for this exhibit contained in PE 0201109F.

**Justification:**

FY24 budget will be used for end item support, delivery/shipping charges, and other general administrative costs.

There is no FY25 budget request.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207327F **Other Related Program Elements:** 0207327F

**Line Item MDAP/MAIS Code:** 439

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	38,077	740	874	604	-	604	511	529	1,160	1,160	-	43,655
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,143.803	52.715	48.734	42.257	-	42.257	41.744	44.571	84.551	86.232	0.000	2,544.607
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	2,143.803	52.715	48.734	42.257	-	42.257	41.744	44.571	84.551	86.232	0.000	2,544.607
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,143.803</b>	<b>52.715</b>	<b>48.734</b>	<b>42.257</b>	<b>-</b>	<b>42.257</b>	<b>41.744</b>	<b>44.571</b>	<b>84.551</b>	<b>86.232</b>	<b>0.000</b>	<b>2,544.607</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	0.051	0.048	0.036	0.060	-	0.060	0.067	0.073	0.066	0.069	-	0.052
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	0.056	0.071	0.056	0.070	-	0.070	0.082	0.084	0.073	0.074	-	0.058

**Description:**

GBU-39/B: Small Diameter Bomb Increment I (SDB I) is an Air Force ACAT II program providing increased kills per sortie on current and future aircraft platforms. SDB I addresses the following specific warfighter requirements: multiple kills per pass; multiple ordnance carriage; adverse weather; precision munitions capability; capability against fixed and stationary targets; reduced munitions footprint; increased weapons effectiveness; minimized potential for collateral damage; reduced susceptibility of munitions to countermeasures; and standoff or Close Air Support (CAS) operational capability. Threshold aircraft is the F-15E. Objective aircraft include: F-22A, F-16C/D Block 30/40/50, F-35A, B-1, A-10, B-52, B-21, MQ-9, and AC-130W/J. Integrated platforms include: F-15E, F-22A, AC-130W/J, F-16C/D Block 30/40/50, and F-35A. SDB I completed IOT&E in Jun 2006 and commenced Full Rate Production (FRP) in Dec 2006.

GBU-39A/B: Small Diameter Bomb I Focused Lethality Munition (FLM) is a low collateral damage variant of SDB I. FLM has a carbon fiber warhead case which disintegrates upon fill detonation, minimizing fragmentation effects to personnel and property.

GBU-39B/B: Laser SDB is a laser variant of the baseline SDB I. Laser SDB is a 250-pound class, air-launched weapon with deployable wings to achieve standoff range, has a laser seeker to self-target and a GPS-only mode, and has a Height-Of-Burst (HOB) fuze to provide selectable weapons effects.

SDB I weapons and weapon containers are procured together as a system. Individual containers can be procured separately as requirements dictate. SDB I procurement supports current combat operations and replenishment of SDB I weapons and its variants used in these operations. It leverages common component development, in collaboration with other weapon systems, to reduce redundant costs between systems with similar subsystems requirements. Invests in analytical, information management, data management, digital environments, networks, facilities, and security infrastructure upgrades directly supporting development and sustainment of this program's capabilities, while leveraging DoD and DAF enterprise IT solutions. For example, the integration of a qualified Strategic Anti-Jam Beam-forming Receiver (SABR-Y) and M-Code capable GPS receivers. Funding may also be used to resolve performance deficiencies identified in the system. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues. This will be accomplished through studies, bridge buys, life of type buys, supplier/parts replacement, and qualification (including flight/ground test activities) to preserve future production capabilities and capacities.

GBU-53/B: Small Diameter Bomb Increment II (SDB II) quantities and obligation authority were included in SDB000 for FY2018 and earlier. Reference BP20 SDB002 for SDB II FY19 and out.

The FY 2025 funding request was reduced by \$7.000 million to account for the availability of prior year execution balances

Funding for this exhibit is contained in PE 0207330F. Funding was contained in PE 0207327F for FY22 and prior.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207327F **Other Related Program Elements:** 0207327F

**Line Item MDAP/MAIS Code:** 439

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Small Diameter Bomb	P-5a, P-21	B		38,077 / 2,143.803	740 / 52.715	874 / 48.734	604 / 42.257	- / -	604 / 42.257
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>38,077 / 2,143.803</b>	<b>740 / 52.715</b>	<b>874 / 48.734</b>	<b>604 / 42.257</b>	<b>- / -</b>	<b>604 / 42.257</b>

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

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

**Justification:**

FY 2025 funds procure SDB Increment I weapons, Operational Flight Program updates and test, obsolescence contracts, integration efforts to support Block 18.1 OFP, Block 21 OFP, Block 24 OFP, SABR-Y, and SMC-2, PSC Contractor Services: Engineering, Professional, and Administrative Support Services (EPASS) contract support, and PSC Other Government Costs: travel, Government Purchase Card (GPC) and Central Supporter.

Procurement quantities will be combined with expected FMS buys to meet MOQ requirement.

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.

This program leverages Digital acquisition tenets of open, agile, and digital. Invests in analytical, information management, data management, digital environments, networks, facilities, and security infrastructure upgrades directly supporting development and sustainment of this program's capabilities, while leveraging DoD and DAF enterprise IT solutions.

Funds may be used to address production Diminishing Manufacturing Sources (DMS)/Material Shortages/Obsolescence issues through studies, bridge buys, life of type buys, supplier/parts replacement, to include electronic components used commercially and in short supply, and qualification activities to preserve future production capabilities and capacities.

These funds may also procure inventoried items which may not be procured on an annual basis and could be required on an emerging basis. Variations to cover critical shortfalls to inventory objectives as well as actual and planned expenditures will be addressed during execution year.

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>					<b>Date:</b> March 2024				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2			<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb				<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>				
<b>Resource Summary</b>			<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	
Procurement Quantity (Units in Each)			38,077	740	874	604	-	604	
Gross/Weapon System Cost (\$ in Millions)			2,143.803	52.715	48.734	42.257	-	42.257	
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-	
Net Procurement (P-1) (\$ in Millions)			2,143.803	52.715	48.734	42.257	-	42.257	
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-	
<b>Total Obligation Authority (\$ in Millions)</b>			<b>2,143.803</b>	<b>52.715</b>	<b>48.734</b>	<b>42.257</b>	<b>-</b>	<b>42.257</b>	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>									
Initial Spares (\$ in Millions)			-	-	-	-	-	-	
Gross/Weapon System Unit Cost (\$ in Millions)			0.056	0.071	0.056	0.070	-	0.070	

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Flyaway - Flyaway End Item Cost</b>																		
Recurring Cost																		
SDB Increment II All Up Round Weapon	0.152	1,276	193.938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weapon Containers	-	-	3.918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SDB Increment I <sup>(†)</sup>	0.043	38,077	1,653.994	0.048	740	35.648	0.036	874	31.749	0.060	604	36.181	-	-	-	0.060	604	36.181
Focused Lethality Munition	-	-	96.541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SDB Increment II Test Vehicle	-	-	9.154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,957.545</i>	-	-	<i>35.648</i>	-	-	<i>31.749</i>	-	-	<i>36.181</i>	-	-	-	-	-	<i>36.181</i>
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	<i>1,957.545</i>	-	-	<i>35.648</i>	-	-	<i>31.749</i>	-	-	<i>36.181</i>	-	-	-	-	-	<i>36.181</i>
<b>Support - Support End Item Cost</b>																		
Training Equipment	-	-	2.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational Flight Program Updates & Test	-	-	24.000	-	-	0.600	-	-	3.575	-	-	0.575	-	-	-	-	-	0.575
Logistics Support	-	-	0.714	-	-	0.060	-	-	0.060	-	-	0.060	-	-	-	-	-	0.060
Production Testing	-	-	50.945	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
PSC Contractor Services	-	-	13.018	-	-	1.795	-	-	1.750	-	-	1.750	-	-	-	-	-	1.750
PSC Other Government Costs	-	-	3.500	-	-	0.100	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
Obsolescence Contracts	-	-	45.620	-	-	9.123	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Integration	-	-	45.561	-	-	5.389	-	-	11.500	-	-	3.591	-	-	-	-	-	3.591

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<b>Exhibit P-5, Cost Analysis:</b> PB 2025 Air Force												<b>Date:</b> March 2024					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2						<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb						<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B												<b>MDAP/MAIS Code:</b>					

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Support End Item Cost</i>	-	-	186.258	-	-	17.067	-	-	16.985	-	-	6.076	-	-	-	-	-	6.076
<b>Gross/Weapon System Cost</b>	0.056	38,077	2,143.803	0.071	740	52.715	0.056	874	48.734	0.070	604	42.257	-	-	-	0.070	604	42.257

**Remarks:**  
PSC Contractor Services: Engineering, Professional, and Administrative Support Services (EPASS) contract support.  
PSC Other Government Costs: Travel, Government Purchase Card (GPC) and Central Supporter.

FY24-FY27 procurement will combine with expected FMS buys to meet MOQ requirement.

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

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**Exhibit P-5a, Procurement History and Planning: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb	<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb
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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
SDB Increment I <sup>(†)</sup>		2019	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Sep 2020	Mar 2021	5,069	0.036	Y		Jul 2018
SDB Increment I <sup>(†)</sup>		2020	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Nov 2020	Dec 2023	4,475	0.031	Y		Jan 2020
SDB Increment I <sup>(†)</sup>		2021	Boeing / St Louis MO	SS / FPIF	AFLCMC Hill AFB	Nov 2021	Aug 2024	525	0.051	Y		Jan 2021
SDB Increment I <sup>(†)</sup>		2022	Boeing / St Louis MO	SS / FPIF	AFLCMC Hill AFB	Mar 2023	Oct 2024	793	0.050	Y		Mar 2021
SDB Increment I <sup>(†)</sup>		2023	Boeing / St Louis MO	SS / FPIF	AFLCMC Hill AFB	Jun 2023	Jan 2025	740	0.048	Y		Mar 2021
SDB Increment I <sup>(†)</sup>		2024	Boeing / St Louis MO	SS / FPIF	AFLCMC Hill AFB	Sep 2024	Sep 2025	874	0.036	Y		Aug 2022
SDB Increment I <sup>(†)</sup>		2025	Boeing / St Louis MO	SS / FPIF	AFLCMC Hill AFB	Mar 2025	Mar 2026	604	0.060	Y		Aug 2022

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

- SDB I FY2021, FY2022, and FY2023 funding obligated on Lot 18 contract in 2QFY2023
- SDB I FY2022 and FY2023 funding obligated on Lot 19 contract in 2QFY2023.
- RFP issued Aug 2022 for L-SDB pricing
- Aug 2022 issue RFP for follow on IDIQ contract with a 10-year ordering period consisting of an initial 5-year ordering period with pricing and an additional 5-year ordering period to be priced at a later date.
- SDB I FY2024 funding to obligate on Lot 20, first year of follow-on contract in 4QFY2024
- Start of delivery for FY2024-FY2029 reflects a one year deliver schedule.

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**Exhibit P-21, Production Schedule:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb	<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												BALANCE	
O C O #	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
SDB Increment I																															
Prior Years Deliveries: 27215																															
1	2019	AF <sup>(1)</sup>	5,069	0	5,069																								2,682		
1	2019	FMS <sup>(*)</sup> (2)	1,420	0	1,420																								472		
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>6,489</b>	<b>0</b>	<b>6,489</b>																								<b>3,154</b>		
1	2020	AF	4,475	0	4,475																								4,475		
1	2020	FMS <sup>(*)</sup>	563	0	563																								563		
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>5,038</b>	<b>0</b>	<b>5,038</b>																								<b>5,038</b>		
1	2021	AF	525	0	525																								525		
1	2022	AF	793	0	793																								793		
1	2023	AF	740	0	740																								740		
1	2024	AF	874	0	874																								874		
1	2025	AF	604	0	604																								604		



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**Exhibit P-21, Production Schedule:** PB 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb **Item Number / Title [DODIC]:** Small Diameter Bomb

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	
SDB Increment I																																
Prior Years Deliveries: 27215																																
1	2019	AF <sup>(1)</sup>	5,069	3,986	1,083	698	385	-	-																						0	
1	2019	FMS <sup>(#)(2)</sup>	1,420	953	467	-	168	138	161																						0	
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>6,489</b>	<b>4,939</b>	<b>1,550</b>	<b>698</b>	<b>553</b>	<b>138</b>	<b>161</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
1	2020	AF	4,475	0	4,475	-	-	182	674	419	226	595	826	742	611	200															0	
1	2020	FMS <sup>(#)</sup>	563	176	387	-	-	-	-	-	-	-	-	-	-	387															0	
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>5,038</b>	<b>176</b>	<b>4,862</b>	-	-	<b>182</b>	<b>674</b>	<b>419</b>	<b>226</b>	<b>595</b>	<b>826</b>	<b>742</b>	<b>611</b>	<b>587</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
1	2021	AF	525	0	525	-	-	-	-	-	-	-	-	-	-	438	87														0	
1	2022	AF	793	0	793	-	-	-	-	-	-	-	-	-	-	-	-	448	345												0	
1	2023	AF	740	0	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	62	62	62	62	62	62	62	61	183		
1	2024	AF	874	0	874												A -	-	-	-	-	-	-	-	-	-	-	-	73	801		
1	2025	AF	604	0	604																									604		
						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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb	<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2026													Fiscal Year 2027										BALANCE				
O C O #	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		
SDB Increment I																																	
Prior Years Deliveries: 27215																																	
1	2019	AF <sup>(1)</sup>		5,069	5,069	0																											0
1	2019	FMS <sup>(#)(2)</sup>		1,420	1,420	0																											0
<b>1</b>	<b>2019</b>	<b>Total</b>		<b>6,489</b>	<b>6,489</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
1	2020	AF		4,475	4,475	0																											0
1	2020	FMS <sup>(#)</sup>		563	563	0																											0
<b>1</b>	<b>2020</b>	<b>Total</b>		<b>5,038</b>	<b>5,038</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>	
1	2021	AF		525	525	0																											0
1	2022	AF		793	793	0																											0
1	2023	AF		740	557	183	61	61	61																								0
1	2024	AF		874	73	801	73	73	73	73	73	73	73	73	72	72																0	
1	2025	AF		604	0	604	-	-	-	-	-	51	51	51	51	50	50	50	50	50	50	50	50									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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<b>Exhibit P-21, Production Schedule:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2		<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb
<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	750	10,000	10,000	0	0	0	0	0	0	6	12	18

**Remarks:**  
 FY2020 deliveries delayed until Aug 2024 due to Guidance Unit Mounting (GUM) ring non-conformance issue.  
 FY2022 deliveries delayed until Oct 2024 due to Guidance Unit Mounting (GUM) ring non-conformance issue.  
 FY2023 deliveries delayed until Jan 2025 due to Guidance Unit Mounting (GUM) ring non-conformance issue.  
 FY2025-FY2027 deliveries are below MSR; however, FMS and SDB I variants may bring total at or above MSR.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

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

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.  
 "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 2022 loaded in the month of first delivery.  
 (2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SDB002 / SMALL DIAMETER BOMB II

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207327F **Other Related Program Elements:** 0207327F

**Line Item MDAP/MAIS Code:** 439

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	2,907	2,007	920	868	-	868	506	510	474	460	11,682	20,334
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	755.080	480.406	291.553	328.382	-	328.382	181.872	166.239	136.181	134.739	3,262.326	5,736.778
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	755.080	480.406	291.553	328.382	-	328.382	181.872	166.239	136.181	134.739	3,262.326	5,736.778
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>755.080</b>	<b>480.406</b>	<b>291.553</b>	<b>328.382</b>	<b>-</b>	<b>328.382</b>	<b>181.872</b>	<b>166.239</b>	<b>136.181</b>	<b>134.739</b>	<b>3,262.326</b>	<b>5,736.778</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	1.144	1.154	1.156	-	1.156	-	-	-	-	-	3.454
Flyaway Unit Cost ( <i>\$ in Millions</i> )	0.188	0.173	0.214	0.227	-	0.227	0.198	0.193	0.167	0.180	0.246	0.223
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	0.260	0.239	0.317	0.378	-	0.378	0.359	0.326	0.287	0.293	0.279	0.282

**Description:**

GBU-53/B: Small Diameter Bomb Increment II (SDB II) StormBreaker is a joint interest United States Air Force (USAF) and Department of Navy (DoN) ACAT IC program, with the USAF as the lead service. SDB II addresses the following war-fighter requirements: attack moving and stationary targets, adverse weather operations, multiple kills per pass, multiple ordnance carriage, precision munitions capability, reduced munitions footprint, increased weapons effectiveness, minimized potential for collateral damage, reduced susceptibility of munitions to countermeasures, and provides a network-enabled weapon capability via Link-16 and Ultra High Frequency (UHF) weapon data link. The threshold aircraft for the USAF is the F-15E, and the threshold aircraft for the DoN are the F-35B and F-35C. Objective aircraft include the F-22, F-16, F-35A, B-2, A-10, MQ-9, B-1, B-52, AC-130 and the F/A-18E/F. SDB II is compatible with the Bomb Rack Unit-61 (BRU-61) miniature munitions carriage, Bomb Rack Unit-55 (BRU-55), Type II carriage systems, the CNU-660/E carriage system, the Common Munitions Built In Test (BIT)/Reprogramming Equipment (CMBRE), and the Joint Mission Planning System (JMPS). SDB II employs a single weapon storage container (USAF) and a dual weapon storage container (DoN). SDB II is a key component of the Air Force Global Strike Task Force Concept of Operations (CONOPs).

SDB II completed a competitive Risk Reduction in October 2009 and entered Milestone B Engineering and Manufacturing Development (EMD) in August 2010. A Fixed Price Incentive - Firm Target (FPIF) EMD contract with five options for annual (FY 2015-FY 2019) Low Rate Initial Production (LRIP) lots was awarded in August 2010. SDB II received Milestone C approval to enter LRIP in June 2015 and completed an Acquisition Program Baseline (APB) update. Contract options for LRIP Lots 1-5 have been exercised, along with sole source production for LRIP Lots 6-10. Initial Operational Test and Evaluation (IOT&E) started June 2018 and completed May 2019. SDB II was fielded for F-15E in September 2020.

The SDB II program has an approved APB dated 12 May 2022 incorporating the new IO and the new F-35B/C integration schedule.

SDB II total procurement costs in this document only include USAF weapons, weapon containers, trainers, reliability captive/test vehicles, tactical to guided test vehicle conversions for Air Combat Command's Weapon System Evaluation Program (WSEP), and SDB II product support. Funds may also be used for non-recurring engineering, integration, test, qualification, production readiness, Tech Refresh and operational readiness of engineering change proposals to resolve safety, reliability or other operational deficiencies, decrease weapon system cost, preserve future production capabilities and capacities, and meet Congressional, National Agency and Defense Department mandates.

Funding may be used to address Diminishing Manufacturing Sources & Material Shortages (DMSMS) issues. These types of issues may be addressed through bridge buys, life-of-type buys, supplier/parts replacement, and re-qualification.

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

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical		<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0207327F	<b>Other Related Program Elements:</b> 0207327F
<b>Line Item MDAP/MAIS Code:</b> 439		
Reference BP20 SDB000 for SDB II FY2015-FY2018. SDB II total procurement costs in this document only include 20,334 USAF weapons, the remaining 1,276 USAF weapons were procured in BP20 SDB000.		
Funding for this exhibit contained in PE 0207327F.		
NOTE: Gross/Weapon System Unit Cost is incorrect for FY23, & FY26-FY29, will be corrected in future Air Force budgets.		
NOTE: Flyaway Unit Cost is incorrect for FY23, & FY26-FY29 will be corrected in future Air Force budgets.		

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SDB002 / SMALL DIAMETER BOMB II

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207327F **Other Related Program Elements:** 0207327F

**Line Item MDAP/MAIS Code:** 439

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	SMALL DIAMETER BOMB II	P-5a, P-21	B		2,907 / 755.080	2,007 / 480.406	920 / 291.553	868 / 328.382	- / -	868 / 328.382
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>2,907 / 755.080</b>	<b>2,007 / 480.406</b>	<b>920 / 291.553</b>	<b>868 / 328.382</b>	<b>- / -</b>	<b>868 / 328.382</b>

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

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

**Justification:**

The FY 2025 budget request includes funding for SDB II weapons, weapon containers, test equipment, training equipment required for weapon handling and maintenance, software maintenance, tactical to guided test vehicle conversions for WSEP, test assets and support for reliability testing, product support, Tech Refresh for current technologies, integration and testing of changes to the product baseline to meet Congressional, National Agency or Defense Department mandates, and required DMSMS / cost reduction Non-Recurring Engineering (NRE), integration and testing. Training equipment includes Practical Explosive Ordnance Disposal System Trainers (PEST), Weapon Load Crew Trainers (WLCT) and Conventional Maintenance Munitions Trainers (CMMT). FY 2025 funding supports the sole source Lot 11 production contract. The Lot 11 contract is inclusive of both USAF and DoN production quantities. SDB II FY 2025 quantity for the USAF is 868 weapons.

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.

Reference BP20 SDB000 for SDB II FY 2015-2018. SDB II total procurement costs in this document only include 20,334 USAF weapons, the remaining 1,276 USAF weapons were procured in BP20 SDB000.

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**Exhibit P-5, Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II	<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II
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**ID Code** (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	2,907	2,007	920	868	-	868
Gross/Weapon System Cost (\$ in Millions)	755.080	480.406	291.553	328.382	-	328.382
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	755.080	480.406	291.553	328.382	-	328.382
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>755.080</b>	<b>480.406</b>	<b>291.553</b>	<b>328.382</b>	<b>-</b>	<b>328.382</b>

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

Initial Spares (\$ in Millions)	-	1.144	1.154	1.156	-	1.156
Gross/Weapon System Unit Cost (\$ in Millions)	0.260	0.239	0.317	0.378	-	0.378

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Flyaway - Small Diameter Bomb II Cost</b>																		
Recurring Cost																		
SDB Increment II All Up Round Weapon <sup>(†)</sup>	0.182	2,907	528.277	0.168	2,007	338.036	0.207	920	190.138	0.219	868	190.001	-	-	-	0.219	868	190.001
Weapon Containers	-	-	12.672	-	-	7.710	-	-	4.673	-	-	4.506	-	-	-	-	-	4.506
Test Vehicle	-	-	6.637	-	-	0.970	-	-	2.050	-	-	2.095	-	-	-	-	-	2.095
<i>Subtotal: Recurring Cost</i>	-	-	<i>547.586</i>	-	-	<i>346.716</i>	-	-	<i>196.861</i>	-	-	<i>196.602</i>	-	-	-	-	-	<i>196.602</i>
<i>Subtotal: Flyaway - Small Diameter Bomb II Cost</i>	-	-	<i>547.586</i>	-	-	<i>346.716</i>	-	-	<i>196.861</i>	-	-	<i>196.602</i>	-	-	-	-	-	<i>196.602</i>
<b>Support - Small Diameter Bomb II Cost</b>																		
Training Equipment	-	-	2.886	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Operational Flight Program Updates & Test	-	-	11.625	-	-	8.050	-	-	0.600	-	-	6.260	-	-	-	-	-	6.260
Logistics Support	-	-	0.287	-	-	0.096	-	-	0.096	-	-	0.072	-	-	-	-	-	0.072
Production Testing	-	-	47.466	-	-	25.437	-	-	38.181	-	-	19.261	-	-	-	-	-	19.261
PSC Contractor Services	-	-	12.367	-	-	3.080	-	-	3.200	-	-	4.522	-	-	-	-	-	4.522
PSC Other Government Costs	-	-	25.755	-	-	10.505	-	-	7.471	-	-	4.596	-	-	-	-	-	4.596
Product Support/Obsolescence	-	-	107.108	-	-	86.522	-	-	45.144	-	-	97.069	-	-	-	-	-	97.069
<i>Subtotal: Support - Small Diameter Bomb II Cost</i>	-	-	<i>207.494</i>	-	-	<i>133.690</i>	-	-	<i>94.692</i>	-	-	<i>131.780</i>	-	-	-	-	-	<i>131.780</i>
<b>Gross/Weapon System Cost</b>	<b>0.260</b>	<b>2,907</b>	<b>755.080</b>	<b>0.239</b>	<b>2,007</b>	<b>480.406</b>	<b>0.317</b>	<b>920</b>	<b>291.553</b>	<b>0.378</b>	<b>868</b>	<b>328.382</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.378</b>	<b>868</b>	<b>328.382</b>

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II	<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>
<p><b>Remarks:</b>            NOTE 1: FY23 Qty and Unit cost are incorrect, actual quantity (AF only) is 1,603 includes Lot 9 1,122 + Lot 10 (Presidential Drawdown Authority (PDA) Funds) for 481 AURs total FY23 1,603. FY23 Unit Cost 0.211M QTY 1,603</p> <p>NOTE 2: FY26-FY29 Quantities and Unit Costs are incorrect in the tables above; the correct figures are:            FY26 Unit Cost \$0.211M QTY 295            FY27 Unit Cost \$0.225M QTY 285            FY28 Unit Cost \$0.227M QTY 150            FY29 Unit Cost \$0.225M QTY 265</p> <p>NOTE 3: Exhibit Summary reference the incorrect FY2023 Unit Cost should be \$0.293M with a Qty of 1,603 based on actuals. Number ref here is incorrect will update in future Air Force budgets.</p> <ol style="list-style-type: none"> <li>Operational Flight Program Updates &amp; Test FY2024 to FY2025 Cost increase Air Force OFF maintenance that requires increased support and will continue to work required OFF updates.</li> <li>Production Testing FY2024 to FY2025 decrease due to fewer production WSEP testing activities.</li> <li>PSC Contract Services FY2024 to FY2025 increase due to an overall programs Central Support, Travel, and Government Purchase card (GPC)</li> <li>PSC Other Government Costs FY2024 to FY2025 decrease due to lower general assessments</li> <li>Product Support/Obsolescence FY2024 to FY2025 increase is due to more involvement with Tech Refresh concept which began in FY2021 and full Tech Refresh obsolescence activities are on going in FY2025. This area includes obsolescence activities in support of the program involving minimum sustainment rate (MSR) - level procurement. The new design will require ground and flight qualification, updated test equipment, updated computer integrated labs, and production readiness activities.</li> </ol> <p>Reference BP20 SDB000 for SDB II FY2015 to FY2018 for 1,276 USAF weapons (not in this document). SDB II total procurement costs in this document only include 20,334 USAF weapons, the remaining 1,276 USAF weapons were procured in BP20 SDB000.</p> <p>(t) indicates the presence of a P-5a</p>		

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**Exhibit P-5a, Procurement History and Planning: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II	<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II
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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 (Each)	Unit Cost (\$ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2019	Raytheon / Tucson AZ	SS / FFP	AFLCMC/PK Eglin AFB, FL	Dec 2018	Jun 2021	510	0.120	N	Aug 2018	Oct 2009
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2020	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Oct 2020	Jul 2022	747	0.199	N	Aug 2019	Oct 2018
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2021	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Apr 2021	Jan 2024	674	0.195	N	Aug 2020	Oct 2019
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2022	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Oct 2021	Nov 2024	976	0.193	N	Aug 2021	Oct 2020
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2023	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Mar 2023	Nov 2025	1,500	0.168	N	Aug 2022	May 2021
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2023	Raytheon, / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Dec 2023	Nov 2026	507	0.168	N	Aug 2023	May 2022
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2024	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Dec 2023	Nov 2026	920	0.207	N	Aug 2023	May 2022
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2025	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Jan 2025	Nov 2027	868	0.219	N	Aug 2024	May 2023

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

1. SDB II Lots 1-5 are options on the current EMD contract with Raytheon Missile Systems, Tucson, AZ, which was competitively awarded in August 2010. SDB II specifications for Lot 1-5 are defined in the EMD contract.
2. SDB II Lots 4-5 (FY 2018-FY 2019) are Firm Fixed Price contracts.
3. SDB II Lot 6 (FY 2020) awarded as FPIF contract.
4. SDB II Lot 7 (FY 2021) awarded as FPIF contract.
5. SDB II Lot 8 (FY 2022) awarded as FPIF contract.
6. SDB II Lot 9 (FY 2023) awarded as FPIF contract.
7. SDB II Lot 10 (FY 2024) awarded as FPIF contract.
8. SDB II Lot 11 (FY 2025) to be negotiated as FPIF contract.
9. SDB II unit cost increased from Lot 5 (FY 2019) to Lot 6 (FY 2020) due to the end of the competitive business deal for Lots 1-5. Lot 6 was the first sole source lot and was negotiated using actual cost data available from prior lots.

NOTE: Quantity and Unit cost are incorrect for the following Lot/FY should be:

Lot 9 FY23 Unit Cost \$0.211M QTY 1,122 (ACTUALS)  
 Lot 10 FY23 PDA Unit Cost \$0.211M QTY 481 (ACTUALS)

Lot 12 FY26 Unit Cost \$0.211M QTY 295 (POE)  
 Lot 13 FY27 Unit Cost \$0.225M QTY 285 (POE)  
 Lot 14 FY28 Unit Cost \$0.227M QTY 150 (POE)  
 Lot 15 FY29 Unit Cost \$0.225M QTY 265 (POE)



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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II	<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II
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Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019													Fiscal Year 2020													BALANCE		
O C C O	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			
SDB Increment II All Up Round Weapon																																	
1	2019	AF <sup>(1)</sup>	510	0	510				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	510				
1	2019	NAVY <sup>(2)</sup>	750	0	750				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	750				
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>1,260</b>	<b>0</b>	<b>1,260</b>				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,260</b>				
1	2020	AF <sup>(3)</sup>	747	0	747																								747				
1	2020	NAVY <sup>(4)</sup>	461	0	461																								461				
1	2020	FMS <sup>(4)</sup>	20	0	20																								20				
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>1,228</b>	<b>0</b>	<b>1,228</b>																								<b>1,228</b>				
1	2021	AF	674	0	674																								674				
1	2021	NAVY <sup>(4)</sup>	226	0	226																								226				
1	2021	FMS <sup>(4)</sup>	200	0	200																								200				
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>1,100</b>	<b>0</b>	<b>1,100</b>																								<b>1,100</b>				
1	2022	AF	976	0	976																								976				
1	2022	NAVY <sup>(4)</sup>	164	0	164																								164				
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>1,140</b>	<b>0</b>	<b>1,140</b>																								<b>1,140</b>				
1	2023	AF	1,500	0	1,500																								1,500				
1	2023	NAVY <sup>(4)</sup>	378	0	378																								378				
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>1,878</b>	<b>0</b>	<b>1,878</b>																								<b>1,878</b>				
2	2023	AF	507	0	507																								507				
1	2024	AF	920	0	920																								920				
1	2024	NAVY <sup>(4)</sup>	250	0	250																								250				
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,170</b>	<b>0</b>	<b>1,170</b>																								<b>1,170</b>				
1	2025	AF	868	0	868																								868				
1	2025	NAVY <sup>(4)</sup>	280	0	280																								280				
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,148</b>	<b>0</b>	<b>1,148</b>																								<b>1,148</b>				

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SDB002 / SMALL DIAMETER BOMB II **Item Number / Title [DODIC]:** SMALL DIAMETER BOMB II

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2021													Fiscal Year 2022													BALANCE		
O C O	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			
SDB Increment II All Up Round Weapon																																	
1	2019	AF <sup>(1)</sup>	510	0	510	-	-	-	-	-	-	-	-	-	510															0			
1	2019	NAVY <sup>(2)</sup>	750	0	750	-	-	-	-	-	-	-	-	-	750															0			
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>1,260</b>	<b>0</b>	<b>1,260</b>	-	-	-	-	-	-	-	-	-	<b>1,260</b>															<b>0</b>			
1	2020	AF <sup>(3)</sup>	747	0	747	A -	-	-	-	-	-	-	-	-	-													185	-	-	562		
1	2020	NAVY <sup>(4)</sup>	461	0	461	A -	-	-	-	-	-	-	-	-	-													-	-	-	461		
1	2020	FMS <sup>(4)</sup>	20	0	20	A -	-	-	-	-	-	-	-	-	-													-	-	-	20		
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>1,228</b>	<b>0</b>	<b>1,228</b>	-	-	-	-	-	-	-	-	-	-													185	-	-	<b>1,043</b>		
1	2021	AF	674	0	674																										674		
1	2021	NAVY <sup>(4)</sup>	226	0	226																										226		
1	2021	FMS <sup>(4)</sup>	200	0	200																										200		
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>1,100</b>	<b>0</b>	<b>1,100</b>																										<b>1,100</b>		
1	2022	AF	976	0	976																										976		
1	2022	NAVY <sup>(4)</sup>	164	0	164																										164		
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>1,140</b>	<b>0</b>	<b>1,140</b>																										<b>1,140</b>		
1	2023	AF	1,500	0	1,500																										1,500		
1	2023	NAVY <sup>(4)</sup>	378	0	378																										378		
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>1,878</b>	<b>0</b>	<b>1,878</b>																										<b>1,878</b>		
2	2023	AF	507	0	507																										507		
1	2024	AF	920	0	920																										920		
1	2024	NAVY <sup>(4)</sup>	250	0	250																										250		
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,170</b>	<b>0</b>	<b>1,170</b>																										<b>1,170</b>		
1	2025	AF	868	0	868																										868		
1	2025	NAVY <sup>(4)</sup>	280	0	280																										280		
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,148</b>	<b>0</b>	<b>1,148</b>																										<b>1,148</b>		
						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 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II	<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II
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Cost Elements (Units in Each)						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C O	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
SDB Increment II All Up Round Weapon																															
1	2019	AF <sup>(1)</sup>	510	510	0																								0		
1	2019	NAVY <sup>(+)(2)</sup>	750	750	0																								0		
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>1,260</b>	<b>1,260</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>		
1	2020	AF <sup>(3)</sup>	747	185	562	-	-	200	-	-	200	-	162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
1	2020	NAVY <sup>(+)</sup>	461	0	461	-	-	-	-	-	-	-	-	250	-	211													0		
1	2020	FMS <sup>(+)</sup>	20	0	20	-	-	-	-	-	-	-	-	-	-	20													0		
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>1,228</b>	<b>185</b>	<b>1,043</b>	-	-	<b>200</b>	-	-	<b>200</b>	-	<b>162</b>	-	<b>250</b>	-	<b>231</b>	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>		
1	2021	AF	674	0	674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	67	67	67	67	67	68	68	68	68		
1	2021	NAVY <sup>(+)</sup>	226	0	226	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	22	22	22	23	23	23	23	23	23		
1	2021	FMS <sup>(+)</sup>	200	0	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	20	20	20	20	20	20	20	20		
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>1,100</b>	<b>0</b>	<b>1,100</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>109</b>	<b>109</b>	<b>109</b>	<b>109</b>	<b>110</b>	<b>110</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>		
1	2022	AF	976	0	976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	976		
1	2022	NAVY <sup>(+)</sup>	164	0	164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	164		
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>1,140</b>	<b>0</b>	<b>1,140</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,140</b>		
1	2023	AF	1,500	0	1,500																								1,500		
1	2023	NAVY <sup>(+)</sup>	378	0	378																								378		
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>1,878</b>	<b>0</b>	<b>1,878</b>																								<b>1,878</b>		
2	2023	AF	507	0	507																								507		
1	2024	AF	920	0	920																								920		
1	2024	NAVY <sup>(+)</sup>	250	0	250																								250		
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,170</b>	<b>0</b>	<b>1,170</b>																								<b>1,170</b>		
1	2025	AF	868	0	868																								868		
1	2025	NAVY <sup>(+)</sup>	280	0	280																								280		
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,148</b>	<b>0</b>	<b>1,148</b>																								<b>1,148</b>		

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**Exhibit P-21, Production Schedule: PB 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SDB002 / SMALL DIAMETER BOMB II **Item Number / Title [DODIC]:** SMALL DIAMETER BOMB II

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025																Fiscal Year 2026												BALANCE	
O C O	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					
SDB Increment II All Up Round Weapon																																			
1	2019	AF <sup>(1)</sup>	510	510	0																							0							
1	2019	NAVY <sup>(2)</sup>	750	750	0																							0							
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>1,260</b>	<b>1,260</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
1	2020	AF <sup>(3)</sup>	747	747	0																							0							
1	2020	NAVY <sup>(4)</sup>	461	461	0																							0							
1	2020	FMS <sup>(4)</sup>	20	20	0																							0							
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>1,228</b>	<b>1,228</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
1	2021	AF	674	606	68	68																						0							
1	2021	NAVY <sup>(4)</sup>	226	203	23	23																						0							
1	2021	FMS <sup>(4)</sup>	200	180	20	20																						0							
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>1,100</b>	<b>989</b>	<b>111</b>	<b>111</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>							
1	2022	AF	976	0	976	-	81	81	81	81	81	81	81	82	82	82	82											0							
1	2022	NAVY <sup>(4)</sup>	164	0	164	-	13	13	13	13	14	14	14	14	14	14	14											0							
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>1,140</b>	<b>0</b>	<b>1,140</b>	-	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>96</b>	<b>96</b>	<b>96</b>	<b>96</b>	-	-	-	-	-	-	-	-	-	<b>0</b>							
1	2023	AF	1,500	0	1,500	-	-	-	-	-	-	-	-	-	-	-	-	125	125	125	125	125	125	125	125	125	125	125							
1	2023	NAVY <sup>(4)</sup>	378	0	378	-	-	-	-	-	-	-	-	-	-	-	-	31	31	31	31	31	31	31	31	31	31	37							
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>1,878</b>	<b>0</b>	<b>1,878</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>162</b>							
2	2023	AF	507	0	507	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	507							
1	2024	AF	920	0	920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	920							
1	2024	NAVY <sup>(4)</sup>	250	0	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250							
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,170</b>	<b>0</b>	<b>1,170</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,170</b>							
1	2025	AF	868	0	868				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	868							
1	2025	NAVY <sup>(4)</sup>	280	0	280				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280							
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,148</b>	<b>0</b>	<b>1,148</b>				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>1,148</b>							
									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 2025 Air Force** **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SDB002 / SMALL DIAMETER BOMB II **Item Number / Title [DODIC]:** SMALL DIAMETER BOMB II

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027														Fiscal Year 2028														BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 2 6	BAL D U E A S O F 1 O C T	Calendar Year 2027														Calendar Year 2028														
							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					
SDB Increment II All Up Round Weapon																																			
1	2019	AF <sup>(1)</sup>	510	510	0																								0						
1	2019	NAVY <sup>(2)</sup>	750	750	0																								0						
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>1,260</b>	<b>1,260</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2020	AF <sup>(3)</sup>	747	747	0																								0						
1	2020	NAVY <sup>(4)</sup>	461	461	0																								0						
1	2020	FMS <sup>(4)</sup>	20	20	0																								0						
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>1,228</b>	<b>1,228</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2021	AF	674	674	0																								0						
1	2021	NAVY <sup>(4)</sup>	226	226	0																								0						
1	2021	FMS <sup>(4)</sup>	200	200	0																								0						
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>1,100</b>	<b>1,100</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2022	AF	976	976	0																								0						
1	2022	NAVY <sup>(4)</sup>	164	164	0																								0						
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>1,140</b>	<b>1,140</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2023	AF	1,500	1,375	125	125																							0						
1	2023	NAVY <sup>(4)</sup>	378	341	37	37																							0						
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>1,878</b>	<b>1,716</b>	<b>162</b>	<b>162</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
2	2023	AF	507	0	507	-	42	42	42	42	42	42	42	42	43	43	43												0						
1	2024	AF	920	0	920	-	77	77	77	77	77	77	77	76	76	76	76												0						
1	2024	NAVY <sup>(4)</sup>	250	0	250	-	20	20	21	21	21	21	21	21	21	21	21												0						
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,170</b>	<b>0</b>	<b>1,170</b>	-	<b>97</b>	<b>97</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>97</b>	<b>97</b>	<b>97</b>	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2025	AF	868	0	868	-	-	-	-	-	-	-	-	-	-	-	-	72	72	72	72	72	72	72	72	73	73	73	73						
1	2025	NAVY <sup>(4)</sup>	280	0	280	-	-	-	-	-	-	-	-	-	-	-	-	23	23	23	23	23	23	23	23	24	24	24	24						
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,148</b>	<b>0</b>	<b>1,148</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>						
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II	<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2029														Fiscal Year 2030														BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2028	BAL DUE AS OF 1 OCT	Calendar Year 2029														Calendar Year 2030														
							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					
SDB Increment II All Up Round Weapon																																			
1	2019	AF <sup>(1)</sup>	510	510	0																								0						
1	2019	NAVY <sup>(2)</sup>	750	750	0																								0						
<b>1</b>	<b>2019</b>	<b>Total</b>	<b>1,260</b>	<b>1,260</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2020	AF <sup>(3)</sup>	747	747	0																								0						
1	2020	NAVY <sup>(2)</sup>	461	461	0																								0						
1	2020	FMS <sup>(4)</sup>	20	20	0																								0						
<b>1</b>	<b>2020</b>	<b>Total</b>	<b>1,228</b>	<b>1,228</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2021	AF	674	674	0																								0						
1	2021	NAVY <sup>(2)</sup>	226	226	0																								0						
1	2021	FMS <sup>(4)</sup>	200	200	0																								0						
<b>1</b>	<b>2021</b>	<b>Total</b>	<b>1,100</b>	<b>1,100</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2022	AF	976	976	0																								0						
1	2022	NAVY <sup>(2)</sup>	164	164	0																								0						
<b>1</b>	<b>2022</b>	<b>Total</b>	<b>1,140</b>	<b>1,140</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2023	AF	1,500	1,500	0																								0						
1	2023	NAVY <sup>(2)</sup>	378	378	0																								0						
<b>1</b>	<b>2023</b>	<b>Total</b>	<b>1,878</b>	<b>1,878</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
2	2023	AF	507	507	0																								0						
1	2024	AF	920	920	0																								0						
1	2024	NAVY <sup>(2)</sup>	250	250	0																								0						
<b>1</b>	<b>2024</b>	<b>Total</b>	<b>1,170</b>	<b>1,170</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
1	2025	AF	868	795	73	73																							0						
1	2025	NAVY <sup>(2)</sup>	280	256	24	24																							0						
<b>1</b>	<b>2025</b>	<b>Total</b>	<b>1,148</b>	<b>1,051</b>	<b>97</b>	<b>97</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>						
							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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<b>Exhibit P-21, Production Schedule:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2		<b>P-1 Line Item Number / Title:</b> SDB002 / SMALL DIAMETER BOMB II
		<b>Item Number / Title [DODIC]:</b> SMALL DIAMETER BOMB II

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Raytheon - Tucson AZ	868	868	2,100	0	0	0	0	504	4	34	38
2	Raytheon, - Tucson AZ				0	0	0	0	0	0	0	0

**Remarks:**

1. FY2025 USAF quantities may fall below minimum sustainment rate (MSR); however, with DoN purchases, the program will be at or above MSR.
2. P-21 monthly delivery schedules do not reflect contractual agreements for Lots 1-6, which are based on quarterly AUR deliveries. Monthly delivery schedules began with the Lot 7 production contract.
3. FY2023 is broken out between two Lot buys  
 Lot 9 1,500 (should be 1,122)  
 Lot 10 507, (should be 481) Presidential Drawdown Authority (PDA) funds.

NOTE: Schedule does not reflect the current POE quantities (based on FY26-29 funding levels), will update in future Air Force budgets.

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"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 2022 loaded in the month of first delivery.
- (2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.
- (3) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2022 loaded in the month of first delivery.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SIAW24 / Stand-In Attack Weapon (SIAW)

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207328F **Other Related Program Elements:** 0207328F

**Line Item MDAP/MAIS Code:** 439

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	42	14	128	-	128	116	50	50	100	2,500	3,000
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	77.975	41.947	173.421	-	173.421	149.489	347.978	400.068	408.025	7,387.437	8,986.340
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	0.000	0.000
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	77.975	41.947	173.421	-	173.421	149.489	347.978	400.068	408.025	7,387.437	8,986.340
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>77.975</b>	<b>41.947</b>	<b>173.421</b>	-	<b>173.421</b>	<b>149.489</b>	<b>347.978</b>	<b>400.068</b>	<b>408.025</b>	<b>7,387.437</b>	<b>8,986.340</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	1.621	1.695	1.312	-	1.312	1.266	4.389	3.973	3.269	2.557	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	1.857	2.996	1.355	-	1.355	1.289	6.960	8.001	4.080	2.955	2.995

**Description:**

The Stand-in Attack Weapon (SIAW) system will provide capability to strike rapidly re-locatable targets that create the Anti-Access/Area Denial (A2/AD) environment for 5th Generation and Future Advanced Aircraft. SIAW targets include Theater Ballistic Missile Launchers, Land Attack and Anti-Ship Cruise Missile Launchers, Jammers, Anti-Satellite Systems, and Integrated Air Defense Systems. The SIAW missile system is being developed under a Digital Acquisition (DA) approach that emphasizes agility and innovation. Interim combat capability is pursued through the Navy's Advanced Anti-Radiation Guided Missile-Extended Range (AARGM-ER) program with improved warhead/fuze and F-35 integration (including Universal Armament Interface [UAI] and Mission Planning).

Implements Digital Acquisition tenants of Open, Agile, and Digital; builds and establishes industrial base innovation around the program's enterprise for modularity and adaptability for the life cycle of the weapons system. Leverages common component development, in collaboration with other weapon systems, to reduce redundant costs between systems with similar subsystems requirements. Invests in analytical, data management, digital environments, networks, facilities, and security infrastructure upgrades supporting development of this program's capabilities, while leveraging DoD and DAF enterprise IT solutions. Expands program office staff, facilities, and security infrastructure to support the required classification levels for this program's activities. Engages with DoD, DAF, and industry stakeholders to refine threat analysis, refine inventory requirements, and plan upgrade requirements. Capitalizes on and incorporates successful laboratory research and development efforts applicable to this program's capability.

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

Funding for this exhibit contained in PE 0207328F. Navy procurement of AARGM-ER is in PE 0204162N/0206138M.

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SIAW24 / Stand-In Attack Weapon (SIAW)

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207328F **Other Related Program Elements:** 0207328F

**Line Item MDAP/MAIS Code:** 439

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	Stand-In Attack Weapon (SIAW)	P-5a, P-21	B		- / -	42 / 77.975	14 / 41.947	128 / 173.421	- / -	128 / 173.421
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				- / -	<b>42 / 77.975</b>	<b>14 / 41.947</b>	<b>128 / 173.421</b>	- / -	<b>128 / 173.421</b>

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

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

**Justification:**

FY25 funding will procure 128 AARGM-ER AUR missiles and associated support costs.

The decrease in Production Support Equipment from FY24 to FY25 reflected in the P5 is due to a one time funding in FY24 for Special Tooling / Special Test Equipment (ST/STE) to facilitate the AARGM-ER production line to increase production capacity.

The increase in Test Support/Obsolescence from FY24 to FY25 reflected in the P5 is to fund test support equipment needed for increased AARGM-ER quantities.

Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S. Code Section 3069 BUY-TO-BUDGET ACQUISITION.

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<b>Exhibit P-5, Cost Analysis: PB 2025 Air Force</b>						<b>Date:</b> March 2024			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2				<b>P-1 Line Item Number / Title:</b> SIAW24 / Stand-In Attack Weapon (SIAW)			<b>Item Number / Title [DODIC]:</b> Stand-In Attack Weapon (SIAW)		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>MDAP/MAIS Code:</b>					
<b>Resource Summary</b>				<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Procurement Quantity (Units in Each)				-	42	14	128	-	128
Gross/Weapon System Cost (\$ in Millions)				-	77.975	41.947	173.421	-	173.421
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				-	77.975	41.947	173.421	-	173.421
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>				-	<b>77.975</b>	<b>41.947</b>	<b>173.421</b>	-	<b>173.421</b>
<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	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)				-	1.857	2.996	1.355	-	1.355

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Flyaway - Stand-in Attack Weapon Cost</b>																		
Recurring Cost																		
All Up Round - AARGM ER <sup>(†)</sup>	-	-	-	1.595	42	66.999	1.669	14	23.366	1.283	128	164.178	-	-	-	1.283	128	164.178
All Up Round - SiAW	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Containers	-	-	-	-	-	1.071	-	-	0.366	-	-	3.808	-	-	-	-	-	3.808
Engineering Change Orders	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	68.070	-	-	23.732	-	-	167.986	-	-	-	-	-	167.986
<i>Subtotal: Flyaway - Stand-in Attack Weapon Cost</i>	-	-	-	-	-	<b>68.070</b>	-	-	<b>23.732</b>	-	-	<b>167.986</b>	-	-	-	-	-	<b>167.986</b>
<b>Support - Stand-In Attack Weapon (SIAW) Cost</b>																		
Program Support Costs Contractor Services	-	-	-	-	-	0.280	-	-	0.095	-	-	0.000	-	-	-	-	-	0.000
Test Support/ Obsolescence	-	-	-	-	-	4.668	-	-	0.347	-	-	3.114	-	-	-	-	-	3.114
Program Support Costs Other Government Costs	-	-	-	-	-	0.036	-	-	0.021	-	-	0.107	-	-	-	-	-	0.107
Production Support Equipment	-	-	-	-	-	4.921	-	-	17.752	-	-	2.214	-	-	-	-	-	2.214
<i>Subtotal: Support - Stand-In Attack Weapon (SIAW) Cost</i>	-	-	-	-	-	<b>9.905</b>	-	-	<b>18.215</b>	-	-	<b>5.435</b>	-	-	-	-	-	<b>5.435</b>
<b>Gross/Weapon System Cost</b>	-	-	-	<b>1.857</b>	<b>42</b>	<b>77.975</b>	<b>2.996</b>	<b>14</b>	<b>41.947</b>	<b>1.355</b>	<b>128</b>	<b>173.421</b>	-	-	-	<b>1.355</b>	<b>128</b>	<b>173.421</b>

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<b>Exhibit P-5, Cost Analysis:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SIAW24 / Stand-In Attack Weapon (SIAW)	<b>Item Number / Title [DODIC]:</b> Stand-In Attack Weapon (SIAW)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>	
<b>Remarks:</b> Test Support/Obsolescence increased from FY24 to FY25 due to the purchase of test support equipment.  FY24 Production Support Equipment included a one time requirement for special tooling in order to facilitate the increased AARGM-ER quantities in FY24.  (t) indicates the presence of a P-5a		

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**Exhibit P-5a, Procurement History and Planning:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SIAW24 / Stand-In Attack Weapon (SIAW)	<b>Item Number / Title [DODIC]:</b> Stand-In Attack Weapon (SIAW)
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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
All Up Round - AARGM ER <sup>(†)</sup>		2023	Northrop Grumman / Northridge, CA	MIPR	NAVAIR	Nov 2023	Jan 2027	42	1.595	N	Sep 2022	Apr 2022
All Up Round - AARGM ER <sup>(†)</sup>		2024	Northrop Grumman / Northridge, CA	MIPR	NAVAIR	Aug 2024	Oct 2027	14	1.669	N	Sep 2023	Sep 2023
All Up Round - AARGM ER <sup>(†)</sup>		2025	Northrop Grumman / Northridge, CA	MIPR	NAVAIR	Feb 2025	Feb 2027	128	1.283	N	Sep 2024	Feb 2024

<sup>(†)</sup> indicates the presence of a P-21

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**Exhibit P-21, Production Schedule:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SIAW24 / Stand-In Attack Weapon (SIAW)	<b>Item Number / Title [DODIC]:</b> Stand-In Attack Weapon (SIAW)
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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					
All Up Round - AARGM ER																																			
1		2023	AF	42	0	42		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42					
1		2024	AF	14	0	14																								14					
1		2025	AF	128	0	128																								128					
								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 2025 Air Force **Date:** March 2024

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SIAW24 / Stand-In Attack Weapon (SIAW) **Item Number / Title [DODIC]:** Stand-In Attack Weapon (SIAW)

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			
All Up Round - AARGM ER																																	
1		2023	AF	42	0	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	4	4	4	4	4	4	8		
1		2024	AF	14	0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14			
1		2025	AF	128	0	128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	10	10	11	11	11	45		
							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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SIAW24 / Stand-In Attack Weapon (SIAW)	<b>Item Number / Title [DODIC]:</b> Stand-In Attack Weapon (SIAW)
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Cost Elements <i>(Units in Each)</i>							Fiscal Year 2028														Fiscal Year 2029														BALANCE
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2027	BAL DUE AS OF 1 OCT	Calendar Year 2028														Calendar Year 2029														
							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					
All Up Round - AARGM ER																																			
1		2023	AF	42	34	8																								8					
1		2024	AF	14	0	14	1	1	1	1	1	1	1	2	2	2	1													0					
1		2025	AF	128	83	45	11	11	12	11																				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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SIAW24 / Stand-In Attack Weapon (SIAW)	<b>Item Number / Title [DODIC]:</b> Stand-In Attack Weapon (SIAW)
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2025	1-8-5 For 2025	MAX For 2025	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	Northrop Grumman - Northridge, CA	60	168	228	0	0	0	0	0	0	5	24	29

**Remarks:**  
Minimum Sustainment Rate is based on combined production of Navy/Air Force assets.

"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 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 5: Industrial Facilities	<b>P-1 Line Item Number / Title:</b> 000042 / Industrial Preparedness/Pol Prevention
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.868	0.793	0.913	-	0.913	0.922	0.938	0.959	0.978	-	6.371
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	0.868	0.793	0.913	-	0.913	0.922	0.938	0.959	0.978	-	6.371
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.868</b>	<b>0.793</b>	<b>0.913</b>	-	<b>0.913</b>	<b>0.922</b>	<b>0.938</b>	<b>0.959</b>	<b>0.978</b>	-	<b>6.371</b>

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

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

**Description:**

The 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 Missile Procurement part of Industrial Preparedness supports the management and upkeep of Air Force Plant 44, Tucson, AZ. This includes capital type rehabilitation (MPC 3000) projects for repair and expansion, major capital rehabilitation, construction, demolition, equipment, property appraisals and energy conservation ensuring industrial plant operational safety, security, suitability, and effectiveness to meet the nation's missile production needs; and environmental compliance (MPC 7000) efforts to ensure compliance with federal, state and local regulatory requirements to avoid risk of: shutdown due to non-compliance, clean-up costs, and penalties from Federal State, and Local regulators. The environmental compliance program includes efforts to enhance compliance through pollution prevention reducing controlled emissions and use of hazardous materials. Air Force Plant 44 is the backbone of Department of Defense (DoD) weapon systems assembly and maintenance supporting Storm Breaker, AMRAAM, Javelin, Griffin, Phalanx, Sidewinder, Standard Missiles, Stinger, Tomahawk, and numerous other weapon system. Funds are also provided within this appropriation to assess missile-related industrial base concerns (MPC 6000).

Funding for this exhibit is contained in PE 78011F

**Justification:**

FY2025 funds missile-related industrial base assessments (MPC 6000), environmental compliance (MPC 7000) and capital type rehabilitation (MPC 3000) programs, at Air Force Plant 44, a unique defense asset which supports the production of several missile systems for the Air Force and the Navy.

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV

**P-1 Line Item Number / Title:**  
M30FLH / ICBM FUZE MOD

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0604933F **Other Related Program Elements:** 0604933F

**Line Item MDAP/MAIS Code:** 498

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	120.982	114.188	159.195	139.546	-	139.546	161.237	153.318	140.919	0.728	1.010	991.123
Less PY Advance Procurement ( <i>\$ in Millions</i> )	4.100	14.497	43.450	35.507	-	35.507	37.673	43.044	40.336	0.000	0.000	218.607
Net Procurement (P-1) ( <i>\$ in Millions</i> )	116.882	99.691	115.745	104.039	-	104.039	123.564	110.274	100.583	0.728	1.010	772.516
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	97.554	37.673	43.044	40.336	-	40.336	0.000	0.000	0.000	0.000	0.000	218.607
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>214.436</b>	<b>137.364</b>	<b>158.789</b>	<b>144.375</b>	<b>-</b>	<b>144.375</b>	<b>123.564</b>	<b>110.274</b>	<b>100.583</b>	<b>0.728</b>	<b>1.010</b>	<b>991.123</b>

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

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

**Description:**

Prior year funding includes 18.4M which was executed in Program 0101213F, M30MLG, Minuteman III (MM III) Modifications. Funding for this exhibit contained in Program 0101328F.

**Program Overview**

The Intercontinental Ballistic Missile (ICBM) Fuze Modernization program is designing and producing a functionally equivalent replacement for the current Mk21 fuze that will provide a 20-year threshold, 30-year objective design life. Currently available Mk21/W87-0 fuze quantities do not meet United States Strategic Command (USSTRATCOM) requirements and the current fuze is three times beyond its original ten year design life. The program will provide needed MM III weapon system modifications, system testing, support/test equipment, data and training required to accommodate, field, and support the new Mk21 replacement fuze along with the W87-0 warhead as defined in the Air Force Global Strike Command (AFGSC) Requirements Traceability Memo dated 2 December 2013. In addition, the Joint Requirements Oversight Council (JROC) signed the program's JROC Memorandum validating the operational requirement for the program on 6 December 2016. A replacement Mk21/W87-0 fuze is urgently required to meet warfighter requirements and to ensure operational capability. The Mk21 reentry vehicle and fuze is designed to be deployed on the current MM III and LGM-35A Sentinel weapon systems.

**Low Rate Initial Production**

The production units procured in FY2022 through FY2024 are considered Low Rate Initial Production (LRIP) units. Upon completion of the Full Rate Production (FRP) decision in 3QFY2024, the program will begin FRP.

**Life of Type Buy (LOTB)**

The ICBM Fuze Modernization program will procure Application Specific Integrated Circuit (ASIC), Heterojunction Bipolar Transistor (HBT), and power source components produced by the Department of Energy National Nuclear Security Administration (DOE/NNSA) as a LOTB in FY2025. The DOE/NNSA Office of Stockpile Management (NA-12) procurement strategy for the ICBM Fuze Modernization program is structured to ensure the production schedule requirements are met. The DOE/NNSA requires DoD funding that is in alignment with the planned production runs in order to meet DOE/NNSA's production commitments. This is the only viable approach because there is neither component availability nor process capacity on any other schedule.

Purchasing components in a single production run or lot to support joint production activities is required to manage capacity and resource conflicts in the production workload within DOE/NNSA. DOE/NNSA has a large number of current and pending modernization activities necessitating careful planning and coordination among related programs that rely on the same vendors, components, and plant production space. Funding and building these components as a LOTB is critical to maintaining production line availability and schedule for the Mk21 ICBM Fuze Modernization, MK5/W88 Alt 370, B61-12 LEP, W87-1 Modification, and W80-4 LEP programs.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV		<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD
<b>ID Code</b> (A=Service Ready, B=Not Service Ready): B	<b>Program Elements for Code B Items:</b> 0604933F	<b>Other Related Program Elements:</b> 0604933F
<b>Line Item MDAP/MAIS Code:</b> 498		

**Long Lead Production**  
The ICBM Fuze Modernization program continues to require advance procurement authority through FY2025 to procure long-lead items (Model XI sensor hardware, Terminal Protection Device (TPD) connectors, cable assemblies, connector assemblies, and Commercial Off-the-Shelf (COTS) components for the Radar Module, Pathlength Module (PLM), Missile Interface & Controller Module (MICM), Firing Set Interface Module (FSIM), and Launch Safety Device (LSD)). Failure to procure these parts will result in delayed fuze production and fielding activities.

**Prior Year Activities**  
Prior years funding includes Life of Type Buy (LOTB) procurements to affordably acquire qualified COTS parts for use during and after exposure to nuclear environments and to ensure commonality between the Air Force and the Navy. LOTB was executed jointly with the Navy to provide a pool of interchangeable, qualified, and certified parts for each service's fuze. These parts will be delivered to DOE/NNSA's Kansas City National Security Campus for use in producing common component modules for the Air Force and Navy fuzes. Some component modules will be entirely interchangeable between the Services while others will have interchangeable sub-assemblies.

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV **P-1 Line Item Number / Title:** M30FLH / ICBM FUZE MOD

**ID Code** (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0604933F **Other Related Program Elements:** 0604933F

**Line Item MDAP/MAIS Code:** 498

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	5915 / FUZE MODERNIZATION (Service Life Extension)		B		- / 120.982	- / 114.188	- / 159.195	- / 139.546	- / 0.000	- / 139.546
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 120.982</b>	<b>- / 114.188</b>	<b>- / 159.195</b>	<b>- / 139.546</b>	<b>- / -</b>	<b>- / 139.546</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	5915 / FUZE MODERNIZATION (Service Life Extension)		B		- / 161.237	- / 153.318	- / 140.919	- / 0.728	- / 1.010	- / 991.123
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 161.237</b>	<b>- / 153.318</b>	<b>- / 140.919</b>	<b>- / 0.728</b>	<b>- / 1.010</b>	<b>- / 991.123</b>

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

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

**Justification:**  
Where applicable, justification for individual modification is provided in the P-3A exhibits.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD	<b>Modification Number / Title:</b> 5915 / FUZE MODERNIZATION

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	120.982	114.188	159.195	139.546	0.000	139.546	161.237	153.318	140.919	0.728	1.010	991.123
Less PY Advance Procurement (\$ in Millions)	4.100	14.497	43.450	35.507	-	35.507	37.673	43.044	40.336	-	0.000	218.607
Net Procurement (P-1) (\$ in Millions)	116.882	99.691	115.745	104.039	0.000	104.039	123.564	110.274	100.583	0.728	1.010	772.516
Plus CY Advance Procurement (\$ in Millions)	97.554	37.673	43.044	40.336	-	40.336	0.000	0.000	0.000	-	0.000	218.607
<b>Total Obligation Authority (\$ in Millions)</b>	<b>214.436</b>	<b>137.364</b>	<b>158.789</b>	<b>144.375</b>	<b>0.000</b>	<b>144.375</b>	<b>123.564</b>	<b>110.274</b>	<b>100.583</b>	<b>0.728</b>	<b>1.010</b>	<b>991.123</b>

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

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

**Description:**

Prior year funding includes 18.4M which was executed in Program 0101213F, M30MLG, MM III Modifications. Funding for this exhibit contained in Program 0101328F.

**Program Overview**

The Intercontinental Ballistic Missile (ICBM) Fuze Modernization Program is designing and producing a functionally equivalent replacement for the current Mk21 fuze that will provide a 20-year threshold, 30-year objective design life. Currently available Mk21/W87-0 fuze quantities do not meet United States Strategic Command (USSTRATCOM) requirements and the current fuze is three times beyond its original ten year design life. The program will provide needed MMIII weapon system modifications, system testing, support/test equipment, data and training required to accommodate, field, and support the new Mk21 replacement fuze along with the W87-0 warhead as defined in the Air Force Global Strike Command (AFGSC) Requirements Traceability Memo dated 2 December 2013. In addition, the Joint Requirements Oversight Council (JROC) signed the program's JROC Memorandum validating the operational requirement for the program on 6 December 2016. A replacement Mk21/W87-0 fuze is urgently required to meet warfighter requirements and to ensure operational capability. The Mk21 reentry vehicle and fuze is designed to be deployed on the current Minuteman III (MMIII) and LGM-35A Sentinel weapon systems.

**Low Rate Initial Production**

The production units procured in FY2022 through FY2024 are considered Low Rate Initial Production (LRIP) units. Upon completion of the Full Rate Production (FRP) decision in 3QFY2024, the program will begin FRP.

**Life of Type Buy (LOTB)**

The ICBM Fuze Modernization program will procure Application Specific Integrated Circuit (ASIC), Heterojunction Bipolar Transistor (HBT), and power source components produced by the Department of Energy National Nuclear Security Administration (DOE/NNSA) as a Life of Type Buy (LOTB) in FY2025. The DOE/NNSA Office of Stockpile Management (NA-12) procurement strategy for the ICBM Fuze Modernization program is structured to ensure the production schedule requirements are met. The DOE/NNSA requires DoD funding that is in alignment with the planned production runs in order to meet DOE/NNSA's production commitments. This is the only viable approach given there is neither component availability nor process capacity on any other schedule.

Purchasing components in a single production run or lot to support joint production activities is required to manage capacity and resource conflicts in the production workload within DOE/NNSA. DOE/NNSA has a large number of current and pending modernization activities necessitating careful planning and coordination among related programs that rely on the same vendors, components, and plant production space. Funding and building these components as a Life of Type Buy (LOTB) is critical to maintaining production line availability and schedule for the Mk21 ICBM Fuze Modernization, MKS/W88 Alt 370, B61-12 LEP, W87-1 Modification, and W80-4 LEP programs.

**Long Lead Production**



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD	<b>Modification Number / Title:</b> 5915 / FUZE MODERNIZATION
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>
<p>The ICBM Fuze Modernization program continues to require advance procurement authority through FY2025 to procure long lead items (Model XI sensor hardware, Terminal Protection Device (TPD) connectors, cable assemblies, connector assemblies, and Commercial Off-the-Shelf (COTS) components for the Radar Module, Pathlength Module (PLM), Missile Interface &amp; Controller Module (MICM), Firing Set Interface Module (FSIM), and Launch Safety Device (LSD)). Failure to procure these parts will result in delayed fuze production and fielding activities.</p> <p>Prior Year Activities            Prior Years funding includes Life of Type Buy (LOTB) procurements to affordably acquire qualified COTS parts for use during and after exposure to nuclear environments and to ensure commonality between the Air Force and the Navy. LOTB was executed jointly with the Navy to provide a pool of interchangeable, qualified, and certified parts for each service's fuze. Procured parts will be delivered to DOE/NNSA's Kansas City National Security Campus for use in producing common component modules for the Air Force and Navy fuzes. Some component modules will be entirely interchangeable between the Services while others will have interchangeable sub-assemblies.</p> <p>Milestone/Development Status            The program entered Phase 6.4 Production Engineering in FY2018. The first flight test was performed in FY2019, the second flight test was performed in FY2020, the third in FY2022, and a final flight is planned in FY2024. Phase 6.4 Production Engineering will be completed and the program will enter Phase 6.5 First Production in FY2024. The program is tailored to use the joint Department of Defense - Department of Energy Phase 6.X processes for routine nuclear stockpile activities to align with Navy and DOE/NNSA operations.</p> <p>Research, Development, Test and Evaluation (RDT&amp;E) is contained in Program Element 0604933F. Baseline design review (BDR) completed 23 May 2017. Final Design review (FDR) completed 19 Aug 2020. Qualification Evaluation Release (QER) planned for 19 Aug 2024. Initial Operational Test &amp; Evaluation (IOT&amp;E) planned for 1 Jan 2025.</p> <p>The ICBM Fuze Mod Program discovered the need to de-couple Milestone C and Full Rate Production (FRP) from the DOE/NNSA Phase 6.x process Phase 6.5 and Phase 6.6 respectively. At the time of the initial baseline in 2014, Phase 6.5 and Phase 6.6 were selected as the surrogates for the DoD milestones. Since that time, differences between the DOE/NNSA Phase 6.x process and the DoDI 5000-series instructions, as it relates to funding Title 10 programs, drove a de-coupling of these milestones into the Acquisition Program Baseline. This program is still being managed according to the Phase 6.x process; however, Milestone C (completed October 2021) and the FRP Decision (planned for 3QFY2024) were added as milestones to satisfy statutory requirements of a Major Defense Acquisition Program.</p>		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>											<b>Date: March 2024</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1				<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD				<b>Modification Number / Title:</b> 5915 / FUZE MODERNIZATION					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> LGM-30G				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b> 0604933F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0604933F	73 / 1,248.544	5 / 97.499	10 / 71.732	- / 10.408	- / -	- / 10.408	- / -	- / -	- / -	- / -	- / -	88 / 1,428.183	
<b>Procurement</b>													
<b>Modification Item 1 of 2: ICBM Fuze</b>													
B Kits													
Recurring													
ICBM Fuze:EQUIPMENT Group B (Active)	35 / 39.780	65 / 88.024	99 / 149.883	86 / 131.435	- / -	86 / 131.435	110 / 153.492	125 / 146.073	117 / 133.990	- / -	- / -	637 / 842.677	
<i>Subtotal: Recurring</i>	- / 39.780	- / 88.024	- / 149.883	- / 131.435	- / -	- / 131.435	- / 153.492	- / 146.073	- / 133.990	- / -	- / -	- / 842.677	
<i>Subtotal: ICBM Fuze</i>	- / 39.780	- / 88.024	- / 149.883	- / 131.435	- / -	- / 131.435	- / 153.492	- / 146.073	- / 133.990	- / -	- / -	- / 842.677	
<b>Modification Item 2 of 2: Life of Type Buy (NNSA)</b>													
B Kits													
Recurring													
Life of Type Buy (NNSA):EQUIPMENT Group B (Active)	- / 25.713	- / 20.698	- / 4.354	- / 2.646	- / -	- / 2.646	- / -	- / -	- / -	- / -	- / -	- / 53.411	
<i>Subtotal: Recurring</i>	- / 25.713	- / 20.698	- / 4.354	- / 2.646	- / -	- / 2.646	- / -	- / -	- / -	- / -	- / -	- / 53.411	
<i>Subtotal: Life of Type Buy (NNSA)</i>	- / 25.713	- / 20.698	- / 4.354	- / 2.646	- / -	- / 2.646	- / -	- / -	- / -	- / -	- / -	- / 53.411	
<i>Subtotal: Procurement, All Modification Items</i>	- / 65.493	- / 108.722	- / 154.237	- / 134.081	- / -	- / 134.081	- / 153.492	- / 146.073	- / 133.990	- / -	- / -	- / 896.088	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / 51.619	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.619	
Change Orders	- / 0.812	- / 1.052	- / 1.384	- / 1.392	- / -	- / 1.392	- / 0.856	- / 0.833	- / 0.756	- / -	- / -	- / 17.085	
SIM/TRAINER	- / 1.077	- / 1.808	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.885	
OTHER GOVT	- / -	- / -	- / 0.007	- / -	- / -	- / -	- / 4.000	- / 3.597	- / 3.554	- / 0.728	- / 1.010	- / 12.896	
PSC - Other Gov't Costs	- / 1.981	- / 2.606	- / 3.567	- / 4.073	- / -	- / 4.073	- / 2.889	- / 2.815	- / 2.619	- / -	- / -	- / 20.550	
<i>Subtotal: Support</i>	- / 55.489	- / 5.466	- / 4.958	- / 5.465	- / -	- / 5.465	- / 7.745	- / 7.245	- / 6.929	- / 0.728	- / 1.010	- / 95.035	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>120.982</b>	<b>114.188</b>	<b>159.195</b>	<b>139.546</b>	<b>0.000</b>	<b>139.546</b>	<b>161.237</b>	<b>153.318</b>	<b>140.919</b>	<b>0.728</b>	<b>1.010</b>	<b>991.123</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD			<b>Modification Number / Title:</b> 5915 / FUZE MODERNIZATION	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 2:</b> ICBM Fuze							
<b>Manufacturer Information</b>							
Manufacturer Name: Kansas City National Security Campus				Manufacturer Location: Kansas City, KS			
Administrative Leadtime (in Months): 2				Production Leadtime (in Months): 30			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026	Dec 2027	
Delivery Dates	Jun 2025	Jun 2026	Jun 2027	Jun 2028	Jun 2029	Jun 2030	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 637		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD			<b>Modification Number / Title:</b> 5915 / FUZE MODERNIZATION	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> Life of Type Buy (NNSA)							
<b>Manufacturer Information</b>							
Manufacturer Name: National Nuclear Security Administration				Manufacturer Location: Various			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 0			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates							
Delivery Dates							
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 0		

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV	<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD
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Program Elements for Code B Items: 0604933F	Other Related Program Elements: 0604933F
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Line Item MDAP/MAIS Code: 498

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	97.554	37.673	43.044	40.336	-	40.336	0.000	0.000	0.000	0.000	0.000	218.607
Net Procurement (P-1) ( <i>\$ in Millions</i> )	97.554	37.673	43.044	40.336	-	40.336	0.000	0.000	0.000	0.000	0.000	218.607
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>97.554</b>	<b>37.673</b>	<b>43.044</b>	<b>40.336</b>	<b>-</b>	<b>40.336</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>218.607</b>

**Description:**

The ICBM Fuze Modernization program continues to require advance procurement (AP) authority through FY2025 to procure long-lead items (Model XI sensor hardware, Terminal Protection Device (TPD) connectors, cable assemblies, connector assemblies, and Commercial Off-the-Shelf (COTS) components for the Radar Module, Pathlength Module (PLM), Missile Interface & Controller Module (MICM), Firing Set Interface Module (FSIM), and Launch Safety Device (LSD)).

AP enables continuation of the program's manufacturing schedule established in FY20. Without AP authorization/funding the associated schedule for delivery of fuzes would have been delayed three years past contract award (and five years to first unit delivery). The key component associated with the three-year advance procurement lead time is the Mod XI sensor assembly, which is also the most expensive subcomponent in the Bill of Material. Without the authorization of AP, the program's cost increase is estimated to have been \$140 million.

The long-lead end items listed on the P-10 are fully funded in the FY2028 budget.

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV	<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD
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<b>Program Elements for Code B Items:</b> 0604933F	<b>Other Related Program Elements:</b> 0604933F
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**Line Item MDAP/MAIS Code:** 498

Exhibits Schedule				Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	5915 / FUZE MODERNIZATION			- / 97.554	- / 37.673	- / 43.044	- / 40.336	- / -	- / 40.336
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 97.554</b>	<b>- / 37.673</b>	<b>- / 43.044</b>	<b>- / 40.336</b>	<b>- / -</b>	<b>- / 40.336</b>

Exhibits Schedule				FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	5915 / FUZE MODERNIZATION			- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 218.607
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>			<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 0.000</b>	<b>- / 218.607</b>

\*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 ICBM Fuze Modernization program continues to require advance procurement authority in FY2025 to procure long-lead items (Model XI sensor hardware, Terminal Protection Device (TPD) connectors, cable assemblies, connector assemblies, and Commercial Off-the-Shelf (COTS) components for the Radar Module, Pathlength Module (PLM), Missile Interface & Controller Module (MICM), Firing Set Interface Module (FSIM), and Launch Safety Device (LSD)). Failure to procure the parts will result in delayed fuze production and fielding activities.

**UNCLASSIFIED**

<b>Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification):</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD							<b>P-3a Number / Title:</b> 5915 / FUZE MODERNIZATION		
<b>First System (2025) Award Date:</b> December 2026		<b>First System (2025) Completion Date:</b> June 2029				<b>Interval Between Systems:</b> 1 Months						
<b>FUZE MODERNIZATION</b>		<b>Production Leadtime</b> (Months)	<b>Prior Years</b> (Each)	<b>FY 2023</b> (Each)	<b>FY 2024</b> (Each)	<b>FY 2025</b> (Each)	<b>FY 2026</b> (Each)	<b>FY 2027</b> (Each)	<b>FY 2028</b> (Each)	<b>FY 2029</b> (Each)	<b>To Complete</b> (Each)	<b>Total</b> (Each)
Quantity		30	-	-	-	-	-	-	-	-	-	-
<b>Cost Elements</b>		<b>When Required</b> (Months)	<b>Prior Years</b> (\$ M)	<b>FY 2023</b> (\$ M)	<b>FY 2024</b> (\$ M)	<b>FY 2025</b> (\$ M)	<b>FY 2026</b> (\$ M)	<b>FY 2027</b> (\$ M)	<b>FY 2028</b> (\$ M)	<b>FY 2029</b> (\$ M)	<b>To Complete</b> (\$ M)	<b>Total</b> (\$ M)
<b>CFE</b>												
ICBM FUZE MOD Hardware: ICBM Fuze Mod Hardware		24	62.047	0.000	0.000	0.000	0.000	0.000	0.000	-	0.000	62.047
ICBM FUZE MOD Hardware: Radar COTS		24	0.552	0.584	0.667	0.625	0.000	0.000	0.000	-	0.000	2.428
ICBM FUZE MOD Hardware: MICM COTS		24	0.431	0.456	0.521	0.489	0.000	0.000	0.000	-	0.000	1.897
ICBM FUZE MOD Hardware: FSIM COTS		24	0.936	0.992	1.135	1.063	0.000	0.000	0.000	-	0.000	4.126
ICBM FUZE MOD Hardware: PLM COTS		24	0.060	0.065	0.074	0.069	0.000	0.000	0.000	-	0.000	0.268
ICBM FUZE MOD Hardware: Mod XI Sensor Assembly		24	29.899	31.731	36.257	33.975	0.000	0.000	0.000	-	0.000	131.862
ICBM FUZE MOD Hardware: TPD Connectors		24	0.258	0.273	0.312	0.293	0.000	0.000	0.000	-	0.000	1.136
ICBM FUZE MOD Hardware: LSDA Header Shell and Parts		24	1.087	1.152	1.316	1.234	0.000	0.000	0.000	-	0.000	4.789
ICBM FUZE MOD Hardware: Cable Assembly		24	0.605	0.641	0.731	0.685	0.000	0.000	0.000	-	0.000	2.662
ICBM FUZE MOD Hardware: Connector and Subassemblies		24	0.602	0.638	0.729	0.683	0.000	0.000	0.000	-	0.000	2.652
ICBM FUZE MOD Hardware: Other (Key Number and Misc Items)		24	1.077	1.141	1.302	1.220	0.000	0.000	0.000	-	0.000	4.740
<i>Total: CFE</i>			97.554	37.673	43.044	40.336	0.000	0.000	0.000	-	0.000	218.607
<b>Total Advance Procurement/Obligation Authority</b>			<b>97.554</b>	<b>37.673</b>	<b>43.044</b>	<b>40.336</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>-</b>	<b>0.000</b>	<b>218.607</b>

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**Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification):** PB 2025 Air Force **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> M30FLH / ICBM FUZE MOD	<b>P-3a Number / Title:</b> 5915 / FUZE MODERNIZATION
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Cost Elements	QPA <i>(Each)</i>	FY 2025					For FY	Total Cost Request <i>(\$ M)</i>
		Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>			
<b>CFE</b>								
ICBM FUZE MOD Hardware: ICBM Fuze Mod Hardware	-							0.000
ICBM FUZE MOD Hardware: Radar COTS	1	8	0.005	Nov 2024	117	2028		0.625
ICBM FUZE MOD Hardware: MICM COTS	1	9	0.004	Nov 2024	117	2028		0.489
ICBM FUZE MOD Hardware: FSIM COTS	1	7	0.009	Nov 2024	117	2028		1.063
ICBM FUZE MOD Hardware: PLM COTS	1	6	0.001	Nov 2024	117	2028		0.069
ICBM FUZE MOD Hardware: Mod XI Sensor Assembly	1	30	0.290	Nov 2024	117	2028		33.975
ICBM FUZE MOD Hardware: TPD Connectors	1	3	0.003	Nov 2024	117	2028		0.293
ICBM FUZE MOD Hardware: LSDA Header Shell and Parts	1	6	0.011	Nov 2024	117	2028		1.234
ICBM FUZE MOD Hardware: Cable Assembly	1	12	0.006	Nov 2024	117	2028		0.685
ICBM FUZE MOD Hardware: Connector and Subassemblies	-	1	0.006	Nov 2024	117	2028		0.683
ICBM FUZE MOD Hardware: Other (Key Number and Misc Items)	1	12	0.010	Nov 2024	117	2028		1.220
<i>Total: CFE</i>								40.336
<b>Total Advance Procurement/Obligation Authority</b>								<b>40.336</b>

**Description:**  
 The ICBM Fuze Modernization program continues to require advance procurement authority through FY2025 to procure long lead items (Model XI sensor hardware, Terminal Protection Device (TPD) connectors, cable assemblies, connector assemblies, and Commercial Off-the-Shelf (COTS) components for the Radar Module, Pathlength Module (PLM), Missile Interface & Controller Module (MICM), Firing Set Interface Module (FSIM), and Launch Safety Device (LSD)). Failure to procure the parts will result in delayed fuze production and fielding activities.



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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV

**P-1 Line Item Number / Title:**  
M30MLG / MM III Modifications

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101213F **Other Related Program Elements:** 0101213F, 0303131F

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

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	476.922	54.171	48.639	24.212	-	24.212	16.339	10.359	10.581	10.793	-	652.016
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	476.922	54.171	48.639	24.212	-	24.212	16.339	10.359	10.581	10.793	-	652.016
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>476.922</b>	<b>54.171</b>	<b>48.639</b>	<b>24.212</b>	-	<b>24.212</b>	<b>16.339</b>	<b>10.359</b>	<b>10.581</b>	<b>10.793</b>	-	<b>652.016</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	0.549	3.400	3.990	-	3.990	-	-	-	-	-	7.939
Flyaway Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

This line item funds modifications to the LGM-30, Minuteman III (MM III) Intercontinental Ballistic Missile (ICBM) weapon system. The MM III is a strategic missile capable of delivering special weapons against a wide range of targets. The purpose of the modifications budgeted in FY25 is to support the operational capability of the Minuteman III ICBM through the completion of deployment of Sentinel. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

The FY 2025 funding request was reduced by \$18.343 million to account for the availability of prior year execution balances.

The modifications being performed on LGM-30 include: Minuteman Minimum Essential Emergency Communications Network (MEECN) modification, LGM-30G Low Cost Modifications (LCM), LGM-30G Fast Rising B-Plug Energy Storage System-Replacement (FRBP ESS-R), and LGM-30G Automatic Switching Unit Replacement (ASU-R).

RDT&E funding for modifications other than MEECN is contained in PE 0101213F (PE 0604851F prior to FY15); MEECN is contained in PE 0303131F.

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

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV

**P-1 Line Item Number / Title:**  
M30MLG / MM III Modifications

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101213F **Other Related Program Elements:** 0101213F, 0303131F

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

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a***	5910 / MINUTEMAN MEECN MODIFICATION (Capability Improvement)				- / 132.058	- / 4.089	- / 4.405	- / 4.739	- / -	- / 4.739
P-40a***	5916 / ICBM Cryptography Upgrade Increment II (Capability Improvement)				- / 149.721	- / 10.854	- / -	- / -	- / -	- / -
P-40a***	5921 / MM LCC Block Upgrades (Service Life Extension)				- / 40.591	- / -	- / -	- / -	- / -	- / -
P-40a***	5925 / MM III Auto Switching Unit (ASU) (Service Life Extension)				- / 6.388	- / 24.655	- / 31.729	- / 0.000	- / -	- / 0.000
P-40a***	5928 / T-9 Launch Facility Trainer Conversion (T-9) (Other)				- / 44.463	- / -	- / -	- / -	- / -	- / -
P-40a***	5932 / LGM-30G Remote Visual Assessment Phase II (RVA II) (Other)				- / 82.852	- / 0.363	- / -	- / -	- / -	- / -
P-40a***	5942 / LGM-30G Launch Control Center Break-In-Kit (LCCB) (Other)				- / 0.226	- / -	- / -	- / -	- / -	- / -
P-40a***	5947 / A/D Switch Replacement (Reliability & Maintainability)				- / 3.901	- / -	- / -	- / -	- / -	- / -
P-40a***	5948 / CMPT upgrade (Other)				- / 0.258	- / -	- / -	- / -	- / -	- / -
P-40a***	99999X / Low Cost Modifications (Other)				- / 16.464	- / 4.986	- / 0.868	- / 6.655	- / -	- / 6.655
P-3a	5949 / Fast Rising B-Plug Service Extension Program (FRBP SLEP) (Service Life Extension)		B		- / 0.000	- / 9.224	- / 11.637	- / 12.818	- / 0.000	- / 12.818
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 476.922</b>	<b>- / 54.171</b>	<b>- / 48.639</b>	<b>- / 24.212</b>	<b>- / -</b>	<b>- / 24.212</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a***	5910 / MINUTEMAN MEECN MODIFICATION (Capability Improvement)				- / 3.025	- / -	- / -	- / -	- / -	- / 148.316
P-40a***	5916 / ICBM Cryptography Upgrade Increment II (Capability Improvement)				- / -	- / -	- / -	- / -	- / -	- / 160.575
P-40a***	5921 / MM LCC Block Upgrades (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / 40.591
P-40a***	5925 / MM III Auto Switching Unit (ASU) (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / 62.772
P-40a***	5928 / T-9 Launch Facility Trainer Conversion (T-9) (Other)				- / -	- / -	- / -	- / -	- / -	- / 44.463
P-40a***	5932 / LGM-30G Remote Visual Assessment Phase II (RVA II) (Other)				- / -	- / -	- / -	- / -	- / -	- / 83.215
P-40a***	5942 / LGM-30G Launch Control Center Break-In-Kit (LCCB) (Other)				- / -	- / -	- / -	- / -	- / -	- / 0.226
P-40a***	5947 / A/D Switch Replacement (Reliability & Maintainability)				- / -	- / -	- / -	- / -	- / -	- / 3.901
P-40a***	5948 / CMPT upgrade (Other)				- / -	- / -	- / -	- / -	- / -	- / 0.258
P-40a***	99999X / Low Cost Modifications (Other)				- / 4.580	- / 10.359	- / 10.581	- / 10.793	- / -	- / 65.286
P-3a	5949 / Fast Rising B-Plug Service Extension Program (FRBP SLEP) (Service Life Extension)		B		- / 8.734	- / -	- / -	- / -	- / -	- / 42.413
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 16.339</b>	<b>- / 10.359</b>	<b>- / 10.581</b>	<b>- / 10.793</b>	<b>- / -</b>	<b>- / 652.016</b>

\*\*\* Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

\*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.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV		<b>P-1 Line Item Number / Title:</b> M30MLG / MM III Modifications
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101213F	<b>Other Related Program Elements:</b> 0101213F, 0303131F
<b>Line Item MDAP/MAIS Code:</b> N/A		
Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.		

**Justification:**  
FY25 funding requests include Minuteman MEECN Modification, MM III Low Cost Modifications and Fast Rising B-Plug Energy Storage System. Where applicable, justification for individual modifications is provided in the P-3A exhibits.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> M30MLG / MM III Modifications	<b>Modification Number / Title:</b> 5949 / Fast Rising B-Plug Service Extension Program (FRBP SLEP)

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

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	9.224	11.637	12.818	0.000	12.818	8.734	-	-	-	-	42.413
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	9.224	11.637	12.818	0.000	12.818	8.734	-	-	-	-	42.413
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>9.224</b>	<b>11.637</b>	<b>12.818</b>	<b>0.000</b>	<b>12.818</b>	<b>8.734</b>	-	-	-	-	<b>42.413</b>

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

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

**Description:**

Fast Rising B-Plug Energy Storage System-Replacement (FRBP ESS-R) powers hardware used to raise/lower the B-Plug and secure all Minuteman III Launch Facilities (LFs).

This effort includes critical hardware modifications to address high obsolescence risk and reliability issues affecting the operational wings.

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

**Milestone/Development Status**

Milestone B 4QFY20 (Aug 2020)

Milestone C 3QFY25 (May 2025)

IOC 3QFY26 (May 2026)

FOC 1QFY29 (Oct 2028)

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1					<b>P-1 Line Item Number / Title:</b> M30MLG / MM III Modifications					<b>Modification Number / Title:</b> 5949 / Fast Rising B-Plug Service Extension Program (FRBP SLEP)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> LGM-30G				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b> 0101213F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0101213F	- / 32.598	- / 6.781	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 39.379	
<b>Procurement</b>													
<i>Modification Item 1 of 1: FRBP Replacement</i>													
A Kits													
Recurring													
FRBP Replacement:INSTALL KITS Group A (Active)	- / -	42 / 8.395	18 / 4.246	39 / 10.769	- / -	39 / 10.769	18 / 1.973	- / -	- / -	- / -	- / -	117 / 25.383	
<i>Subtotal: Recurring</i>	- / -	- / 8.395	- / 4.246	- / 10.769	- / -	- / 10.769	- / 1.973	- / -	- / -	- / -	- / -	- / 25.383	
<i>Subtotal: FRBP Replacement</i>	- / -	- / 8.395	- / 4.246	- / 10.769	- / -	- / 10.769	- / 1.973	- / -	- / -	- / -	- / -	- / 25.383	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / 8.395	- / 4.246	- / 10.769	- / -	- / 10.769	- / 1.973	- / -	- / -	- / -	- / -	- / 25.383	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / -	- / -	- / 3.060	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.060	
A&AS	- / 0.000	- / -	- / 1.182	- / 1.210	- / -	- / 1.210	- / 1.237	- / -	- / -	- / -	- / -	- / 3.629	
Change Orders	- / -	- / -	- / 12.277	- / -	- / -	- / -	- / 14.703	- / -	- / -	- / -	- / -	- / 16.980	
PSC - Other Gov't Costs	- / -	- / 10.829	- / 10.872	- / 10.839	- / -	- / 10.839	- / 10.821	- / -	- / -	- / -	- / -	- / 13.361	
<i>Subtotal: Support</i>	- / 0.000	- / 10.829	- / 17.391	- / 12.049	- / -	- / 12.049	- / 16.761	- / -	- / -	- / -	- / -	- / 17.030	
<b>Installation</b>													
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>9.224</b>	<b>11.637</b>	<b>12.818</b>	<b>0.000</b>	<b>12.818</b>	<b>8.734</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>42.413</b>	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> M30MLG / MM III Modifications			<b>Modification Number / Title:</b> 5949 / Fast Rising B-Plug Service Extension Program (FRBP SLEP)	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 1 of 1:</b> FRBP Replacement							
<b>Manufacturer Information</b>							
Manufacturer Name: Select Engineering Services (SES)					Manufacturer Location: Layton, UT		
Administrative Leadtime ( <i>in Months</i> ): 0					Production Leadtime ( <i>in Months</i> ): 12		
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Jun 2025	Oct 2025	Oct 2026	Oct 2027			
Delivery Dates	Jun 2026	Oct 2026	Oct 2027	Oct 2028			
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 117	

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0101122F	<b>Other Related Program Elements:</b> 0101122F
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	186.072	34.230	41.494	34.019	-	34.019	28.868	29.324	29.954	8.104	42.134	434.199
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	186.072	34.230	41.494	34.019	-	34.019	28.868	29.324	29.954	8.104	42.134	434.199
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>186.072</b>	<b>34.230</b>	<b>41.494</b>	<b>34.019</b>	<b>-</b>	<b>34.019</b>	<b>28.868</b>	<b>29.324</b>	<b>29.954</b>	<b>8.104</b>	<b>42.134</b>	<b>434.199</b>

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

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

**Description:**

The AGM-86B, Air Launched Cruise Missile (ALCM), is a subsonic, air-to-surface strategic nuclear missile, operational since 1982. Armed with a W80 warhead, it is designed to evade air and ground-based defenses in order to strike targets at any location within any enemy's territory. ALCM was designed for both B-52H internal and external carriage. Funding for this exhibit is contained in PE 0101122F.

**Change Summary:**

All modification programs have been adjusted to reflect the current calendar year program office estimates (POE). POEs are based on a combination of actuals, proposals, rough order of magnitude estimates from contractors, and subject matter expert inputs.

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV **P-1 Line Item Number / Title:** MALCBG / Air Launch Cruise Missile (ALCM)

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101122F **Other Related Program Elements:** 0101122F

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

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a***	_0468 / AGM-86B Low Cost Mods (Other)				- / 2.096	- / -	- / 0.100	- / 0.100	- / -	- / 0.100
P-40a***	860009 / AGM-86B CALCM/ALCM Test Instrumentation Kit (Capability Improvement)				- / 31.191	- / 5.507	- / 8.227	- / 4.163	- / -	- / 4.163
P-40a***	860011 / Support Equipment (Reliability & Maintainability)				- / 30.125	- / 1.430	- / 2.848	- / 0.087	- / -	- / 0.087
P-40a***	860101 / AGM-86B Service Life Extension Program 1 (Service Life Extension)				- / 18.661	- / 4.196	- / 4.246	- / 4.356	- / -	- / 4.356
P-40a***	860103 / Warhead Arming Device (WAD) (Service Life Extension)				- / 7.569	- / 0.010	- / 0.010	- / -	- / -	- / -
P-40a***	860104 / Rotary Switch (RS) (Reliability & Maintainability)				- / 38.740	- / 8.528	- / 2.500	- / 0.620	- / -	- / 0.620
P-40a***	860106 / W-10 Cable (Service Life Extension)				- / 2.188	- / 0.185	- / -	- / -	- / -	- / -
P-40a***	860107 / Fuze Assembly (Service Life Extension)				- / 6.219	- / 3.481	- / 0.940	- / 0.000	- / -	- / 0.000
P-40a***	860110 / Voltage Regulator (Reliability & Maintainability)				- / -	- / 1.000	- / 1.000	- / 1.000	- / -	- / 1.000
P-40a***	860111 / Elevon Actuator Controller (EAC) (Reliability & Maintainability)				- / -	- / -	- / 2.000	- / 0.625	- / -	- / 0.625
P-3a	860105 / Guided Missile Flight Controller (GMFC) (Reliability & Maintainability)			B	- / 10.535	- / 0.916	- / 5.590	- / 6.235	- / 0.000	- / 6.235
P-3a	860108 / Inertial Navigation Element (INE) (Reliability & Maintainability)			B	- / 37.912	- / 8.928	- / 8.743	- / 10.768	- / 0.000	- / 10.768
P-3a	860109 / Flight Data Transmitter (Service Life Extension)			A	- / 0.836	- / 0.049	- / 5.290	- / 6.065	- / 0.000	- / 6.065
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 186.072</b>	<b>- / 34.230</b>	<b>- / 41.494</b>	<b>- / 34.019</b>	<b>- / -</b>	<b>- / 34.019</b>

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a***	_0468 / AGM-86B Low Cost Mods (Other)				- / 0.100	- / -	- / -	- / -	- / -	- / 2.396
P-40a***	860009 / AGM-86B CALCM/ALCM Test Instrumentation Kit (Capability Improvement)				- / -	- / -	- / -	- / -	- / -	- / 49.088
P-40a***	860011 / Support Equipment (Reliability & Maintainability)				- / 0.196	- / 0.010	- / 1.799	- / -	- / -	- / 36.495
P-40a***	860101 / AGM-86B Service Life Extension Program 1 (Service Life Extension)				- / 3.272	- / 0.025	- / 0.026	- / 0.026	- / -	- / 34.808
P-40a***	860103 / Warhead Arming Device (WAD) (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / 7.589
P-40a***	860104 / Rotary Switch (RS) (Reliability & Maintainability)				- / 0.040	- / 0.010	- / 0.010	- / 0.005	- / -	- / 50.453
P-40a***	860106 / W-10 Cable (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / 2.373
P-40a***	860107 / Fuze Assembly (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / 10.640
P-40a***	860110 / Voltage Regulator (Reliability & Maintainability)				- / 1.000	- / 1.000	- / 0.851	- / 0.000	- / -	- / 5.851
P-40a***	860111 / Elevon Actuator Controller (EAC) (Reliability & Maintainability)				- / 6.625	- / 6.725	- / 6.625	- / 4.635	- / 3.010	- / 30.245



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

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 03: Modification of Inservice Missiles / BSA 1: Class IV **P-1 Line Item Number / Title:** MALCBG / Air Launch Cruise Missile (ALCM)

**ID Code** (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** 0101122F **Other Related Program Elements:** 0101122F

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

Exhibits Schedule					FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	860105 / Guided Missile Flight Controller (GMFC) (Reliability & Maintainability)		B		- / 6.315	- / 5.105	- / 5.115	- / 0.635	- / 0.000	- / 40.446
P-3a	860108 / Inertial Navigation Element (INE) (Reliability & Maintainability)		B		- / 5.115	- / 10.104	- / 10.423	- / 0.683	- / 39.084	- / 131.760
P-3a	860109 / Flight Data Transmitter (Service Life Extension)		A		- / 6.205	- / 6.345	- / 5.105	- / 2.120	- / 0.040	- / 32.055
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 28.868</b>	<b>- / 29.324</b>	<b>- / 29.954</b>	<b>- / 8.104</b>	<b>- / 42.134</b>	<b>- / 434.199</b>

\*\*\* Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

\*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 2025 funding will address modifications identified and described in the P40 and associated P-3As.  
  
 The FY 2025 funding request was reduced by \$0.700 million to account for the availability of prior year execution balances.

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860105 / Guided Missile Flight Controller (GMFC)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	10.535	0.916	5.590	6.235	0.000	6.235	6.315	5.105	5.115	0.635	0.000	40.446
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	10.535	0.916	5.590	6.235	0.000	6.235	6.315	5.105	5.115	0.635	0.000	40.446
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>10.535</b>	<b>0.916</b>	<b>5.590</b>	<b>6.235</b>	<b>0.000</b>	<b>6.235</b>	<b>6.315</b>	<b>5.105</b>	<b>5.115</b>	<b>0.635</b>	<b>0.000</b>	<b>40.446</b>

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

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

**Description:**

In FY19, the program segregated the AGM-86B Service Life Extension Program (SLEP-2) components Guided Missile Flight Controller (GMFC), Rotary Switch (RS), and Warhead Arming Device (WAD) into separate efforts. Some of the hardware installations documented under GMFC are for hardware procured under SLEP-2. Ref AGM-86B Service Life Extension Program (SLEP-2) modification number 860002 for information prior to FY19.

AF Long Range Planning required the service life of the ALCM to be extended through 2030. In order to satisfy the life extension requirement, several phases of the Service Life Extension program (SLEP) were implemented, a proactive approach. Through studies and surveillance and analysis programs, various components were identified as candidates for replacement due to aging and obsolescence issues before they become fleet-wide problems. This modification executes a remanufacture of the GMFC. The GMFC kit will be issued via a Time Compliance Technical Order (TCTO). The remanufactured GMFC TCTO will be available for installation at Hill AFB, Analytical Condition Inspection (ACI) at an annual rate of 24 kits. The GMFC TCTO kit will also be available to the organizational-level maintenance units for installation at a rate of 70 per year in conjunction with scheduled maintenance activities. This effort is critical to meet Air Force Global Strike Command (AFGSC) and United States Strategic Command (USSTRATCOM) operational needs. Installations are expected to occur FY24-FY29.

The total objective for GMFC remanufacture is 542 units at an estimated unit cost of \$52,000 each.

Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

SLEP funds will continue to support AFGSC and USSTRATCOM requirements to keep the ALCM viable until replaced by the Long Range Stand Off (LRSO) cruise missile.

Non-Recurring costs were added to show previous years costs associated with Engineering Analysis and Remanufacture Readiness.

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

**Milestone/Development Status**

Engineering studies and analysis programs identified SLEP components for replacement due to aging and obsolescence issues. Solutions to these aging and obsolescence issues were identified through engineering studies conducted by the Original Equipment Manufacturer.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1					<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)					<b>Modification Number / Title:</b> 860105 / Guided Missile Flight Controller (GMFC)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> AGM-86B				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0101122F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: GMFC Depot</i>													
B Kits													
Recurring													
GMFC Depot:EQUIPMENT Group B (Active)	24 / 1.237	- / -	24 / 1.424	24 / 1.430	- / -	24 / 1.430	24 / 1.452	24 / 1.141	24 / 1.493	- / -	- / -	144 / 8.177	
<i>Subtotal: Recurring</i>	- / 1.237	- / -	- / 1.424	- / 1.430	- / -	- / 1.430	- / 1.452	- / 1.141	- / 1.493	- / -	- / -	- / 8.177	
<i>Subtotal: GMFC Depot</i>	- / 1.237	- / -	- / 1.424	- / 1.430	- / -	- / 1.430	- / 1.452	- / 1.141	- / 1.493	- / -	- / -	- / 8.177	
<i>Modification Item 2 of 2: GMFC Org/Intermediate</i>													
B Kits													
Recurring													
GMFC Org/Intermediate:EQUIPMENT Group B (Active)	70 / 3.608	- / -	70 / 4.156	70 / 4.170	- / -	70 / 4.170	70 / 4.228	70 / 3.329	48 / 2.987	- / -	- / -	398 / 22.478	
<i>Subtotal: Recurring</i>	- / 3.608	- / -	- / 4.156	- / 4.170	- / -	- / 4.170	- / 4.228	- / 3.329	- / 2.987	- / -	- / -	- / 22.478	
<i>Subtotal: GMFC Org/Intermediate</i>	- / 3.608	- / -	- / 4.156	- / 4.170	- / -	- / 4.170	- / 4.228	- / 3.329	- / 2.987	- / -	- / -	- / 22.478	
<i>Subtotal: Procurement, All Modification Items</i>	- / 4.845	- / -	- / 5.580	- / 5.600	- / -	- / 5.600	- / 5.680	- / 4.470	- / 4.480	- / -	- / -	- / 30.655	
<b>Support (All Modification Items)</b>													
GROUP B: TOTAL NONRECURRING	- / 1.383	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.383	
SUPPORT-EQUIP	- / 4.279	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.279	
PMA - Other Gov't Costs	- / 0.028	- / 0.916	- / -	- / 0.625	- / -	- / 0.625	- / 0.625	- / 0.625	- / 0.625	- / 0.625	- / -	- / 4.069	
<i>Subtotal: Support</i>	- / 5.690	- / 0.916	- / -	- / 0.625	- / -	- / 0.625	- / 0.625	- / 0.625	- / 0.625	- / 0.625	- / -	- / 9.731	
<b>Installation</b>													
<i>Modification Item 1 of 2: GMFC Depot</i>	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	24 / 0.010	24 / 0.010	24 / 0.010	- / -	144 / 0.060	
<i>Subtotal: Installation</i>	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	24 / 0.010	24 / 0.010	24 / 0.010	- / -	144 / 0.060	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>10.535</b>	<b>0.916</b>	<b>5.590</b>	<b>6.235</b>	<b>0.000</b>	<b>6.235</b>	<b>6.315</b>	<b>5.105</b>	<b>5.115</b>	<b>0.635</b>	<b>0.000</b>	<b>40.446</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860105 / Guided Missile Flight Controller (GMFC)

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

**Manufacturer Information**

Manufacturer Name: Boeing Guidance and Repair Center	Manufacturer Location: Heath, Ohio
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 14

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

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	24 / 0.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.010
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	24 / 0.010	- / -	24 / 0.010	- / -	- / -	- / -	- / -	- / -	24 / 0.010
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.010	- / -	- / -	- / -	- / -	24 / 0.010
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.010	- / -	- / -	- / -	24 / 0.010
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.010	- / -	- / -	24 / 0.010
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.010	- / -	24 / 0.010
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	24 / 0.010	24 / 0.010	24 / 0.010	- / -	144 / 0.060

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	144
Out	0	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0	144

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)			<b>Modification Number / Title:</b> 860105 / Guided Missile Flight Controller (GMFC)	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> GMFC Org/Intermediate							
<b>Manufacturer Information</b>							
Manufacturer Name: Boeing Guidance and Repair Center				Manufacturer Location: Heath, Ohio			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 14			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		May 2024	May 2025	May 2026	May 2027	May 2028	
Delivery Dates		Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029	
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 398		

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860108 / Inertial Navigation Element (INE)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	37.912	8.928	8.743	10.768	0.000	10.768	5.115	10.104	10.423	0.683	39.084	131.760
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	37.912	8.928	8.743	10.768	0.000	10.768	5.115	10.104	10.423	0.683	39.084	131.760
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>37.912</b>	<b>8.928</b>	<b>8.743</b>	<b>10.768</b>	<b>0.000</b>	<b>10.768</b>	<b>5.115</b>	<b>10.104</b>	<b>10.423</b>	<b>0.683</b>	<b>39.084</b>	<b>131.760</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

AF Long Range Planning required the service life of the ALCM to be extended until replaced by the Long Range Stand Off (LRSO) cruise missile. In order to satisfy the life extension requirement, several phases of the Service Life Extension Program (SLEP) were implemented, a proactive approach. Through studies and surveillance and analysis programs, various components were identified as candidates for replacement due to aging and obsolescence issues before they become fleet-wide problems. This effort produces working engineering samples to verify and certify viability of manufacturing methodology. Verification will be established through scientific methods and analysis of testing results. Testing may include destructive methods. A total of 40 INE kits will be delivered each year until a total 550 have been delivered. Up to 24 SLEP INE kits per year will be delivered to the depot for installation in conjunction with Analytical Condition Inspection (ACI) missiles. The remaining unit kits will be delivered to the organizational-level maintenance units for installation via Time Compliance Technical Order (TCTO) in conjunction with scheduled maintenance activities.

This program is currently in Phase II to include delivery of working engineering samples, certification of production, and production of INE's equal to the function and reliability of "like new" devices. The remanufacture contract has been awarded to shorten the asset availability date and ensure procurement of complete usable end items.

This effort is critical to meet Air Force Global Strike Command (AFGSC) and United States Strategic Command (USSTRATCOM) operational needs.

Funds may be used to address emerging and short notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

SLEP funds will continue to support AFGSC and USSTRATCOM requirements to keep the ALCM viable until replaced by the Long Range Stand Off (LRSO) cruise missile.

The significant cost increase in FY23 and beyond is due to additional SRU testing requirements and increases in labor and material costs since previous contract negotiations in FY19. The program office plans to address issues within the INE SLEP program in future budgets.

Deliveries of the first remanufactured INE's were completed in Jun 2023. Installs begin in FY24.

Due to DMSMS and obsolescence concerns the INE remanufacture Statement of Work (SOW) requires configuration control requirements. This may drive the contractor to purchase all material up front to avoid any DMSMS or obsolescence issues.

This 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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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860108 / Inertial Navigation Element (INE)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B		<b>MDAP/MAIS Code:</b>
<p>Milestone/Development Status</p> <p>Engineering studies and analysis programs identified SLEP components for replacement due to aging and obsolescence issues. Solutions to these aging and obsolescence issues were identified through engineering studies conducted by the Original Equipment Manufacturer.</p>		

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1					<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)					<b>Modification Number / Title:</b> 860108 / Inertial Navigation Element (INE)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> AGM-86B				<b>Modification Type:</b> Reliability & Maintainability				<b>Related RDT&amp;E PEs:</b> 0101122F					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>RDT&amp;E PE #</b>													
0101122F	- / 8.318	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.318	
<b>Procurement</b>													
<b>Modification Item 1 of 2: INE - Depot</b>													
A Kits													
Recurring													
INE - Depot:INSTALL KITS Group A (Active)	72 / 16.879	24 / 4.693	24 / 4.240	24 / 4.632	- / -	24 / 4.632	24 / 2.489	24 / 4.919	24 / 5.086	24 / 0.399	96 / 22.362	336 / 65.699	
<i>Subtotal: Recurring</i>	- / 16.879	- / 4.693	- / 4.240	- / 4.632	- / -	- / 4.632	- / 2.489	- / 4.919	- / 5.086	- / 0.399	- / 22.362	- / 65.699	
<i>Subtotal: INE - Depot</i>	- / 16.879	- / 4.693	- / 4.240	- / 4.632	- / -	- / 4.632	- / 2.489	- / 4.919	- / 5.086	- / 0.399	- / 22.362	- / 65.699	
<b>Modification Item 2 of 2: INE - org / intermediate</b>													
A Kits													
Recurring													
INE - org / intermediate:INSTALL KITS Group A (Active)	48 / 11.254	16 / 3.128	16 / 2.826	16 / 3.088	- / -	16 / 3.088	16 / 1.660	16 / 3.280	16 / 3.391	16 / 0.261	54 / 12.126	214 / 41.014	
<i>Subtotal: Recurring</i>	- / 11.254	- / 3.128	- / 2.826	- / 3.088	- / -	- / 3.088	- / 1.660	- / 3.280	- / 3.391	- / 0.261	- / 12.126	- / 41.014	
<i>Subtotal: INE - org / intermediate</i>	- / 11.254	- / 3.128	- / 2.826	- / 3.088	- / -	- / 3.088	- / 1.660	- / 3.280	- / 3.391	- / 0.261	- / 12.126	- / 41.014	
<i>Subtotal: Procurement, All Modification Items</i>	- / 28.133	- / 7.821	- / 7.066	- / 7.720	- / -	- / 7.720	- / 4.149	- / 8.199	- / 8.477	- / 0.660	- / 34.488	- / 106.713	
<b>Support (All Modification Items)</b>													
GROUP A: TOTAL NONRECURRING	- / 3.192	- / 0.495	- / 0.972	- / 2.310	- / -	- / 2.310	- / 0.041	- / 1.040	- / 1.080	- / -	- / 3.820	- / 12.950	
PMA - Other Gov't Costs	- / 6.587	- / 0.160	- / 0.695	- / 0.655	- / -	- / 0.655	- / 0.855	- / 0.785	- / 0.781	- / -	- / 0.720	- / 11.238	
Change Orders	- / -	- / 0.452	- / -	- / 0.073	- / -	- / 0.073	- / 0.060	- / 0.072	- / 0.078	- / 0.016	- / -	- / 0.751	
<i>Subtotal: Support</i>	- / 9.779	- / 1.107	- / 1.667	- / 3.038	- / -	- / 3.038	- / 0.956	- / 1.897	- / 1.939	- / 0.016	- / 4.540	- / 24.939	
<b>Installation</b>													
<b>Modification Item 1 of 2: INE - Depot</b>	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	24 / 0.008	24 / 0.007	24 / 0.007	192 / 0.056	336 / 0.108	
<i>Subtotal: Installation</i>	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	24 / 0.008	24 / 0.007	24 / 0.007	192 / 0.056	336 / 0.108	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>37.912</b>	<b>8.928</b>	<b>8.743</b>	<b>10.768</b>	<b>0.000</b>	<b>10.768</b>	<b>5.115</b>	<b>10.104</b>	<b>10.423</b>	<b>0.683</b>	<b>39.084</b>	<b>131.760</b>	



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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860108 / Inertial Navigation Element (INE)

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>MDAP/MAIS Code:</b>
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**Modification Item 1 of 2:** INE - Depot

**Manufacturer Information**

Manufacturer Name: Northrop Grumman	Manufacturer Location: Salt Lake City, UT
Administrative Leadtime (in Months): 0	Production Leadtime (in Months): 39

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Mar 2023	Mar 2024	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates	Jun 2026	Jun 2027	Jun 2028	Jun 2029	Jun 2030	Jun 2031	Jun 2032

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	- / -	- / -	- / -	- / -	72 / 0.030
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.008	- / -	- / -	- / -	24 / 0.008
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.007	- / -	- / -	24 / 0.007
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.007	- / -	24 / 0.007
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.007	24 / 0.007
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.007	24 / 0.007
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.007	24 / 0.007
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.007	24 / 0.007
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / 0.028	96 / 0.028
Total	- / -	- / -	24 / 0.010	24 / 0.010	- / -	24 / 0.010	24 / 0.010	24 / 0.008	24 / 0.007	24 / 0.007	192 / 0.056	336 / 0.108

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	192	336
Out	0	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	192	336

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)			<b>Modification Number / Title:</b> 860108 / Inertial Navigation Element (INE)	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> INE - org / intermediate							
<b>Manufacturer Information</b>							
Manufacturer Name: Northrop Grumman				Manufacturer Location: Salt Lake City, UT			
Administrative Leadtime ( <i>in Months</i> ): 0				Production Leadtime ( <i>in Months</i> ): 29			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates	Mar 2023	Mar 2024	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029
Delivery Dates	Aug 2025	Aug 2026	Aug 2027	Aug 2028	Aug 2029	Aug 2030	Aug 2031
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate						<b>Installation Quantity:</b> 214	

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860109 / Flight Data Transmitter

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.836	0.049	5.290	6.065	0.000	6.065	6.205	6.345	5.105	2.120	0.040	32.055
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.836	0.049	5.290	6.065	0.000	6.065	6.205	6.345	5.105	2.120	0.040	32.055
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.836</b>	<b>0.049</b>	<b>5.290</b>	<b>6.065</b>	<b>0.000</b>	<b>6.065</b>	<b>6.205</b>	<b>6.345</b>	<b>5.105</b>	<b>2.120</b>	<b>0.040</b>	<b>32.055</b>

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

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

**Description:**

AF Long Range Planning required the service life of the ALCM to be extended until replaced by the Long Range Stand Off (LRSO) cruise missile. In order to satisfy the life extension requirement, several phases of the Service Life Extension Program (SLEP) were implemented, a proactive approach.

The FDT consists of three rate gyros, one accelerometer and two circuit cards. The three rate gyros of the FDT provide three-axis measurement for angular acceleration, in degrees per second, in the X, Y and Z axis. The accelerometer measures linear acceleration, in Gs, in the Z axis for the missile. Through analytical condition inspections, the FDT was identified to have components that needed to be replaced in order to meet fleet-wide reliability and continued mission success.

In total, 542 FDT kits will be procured throughout the life of the program.

Up to 24 SLEP FDT kits per year will be delivered to the depot for installation in conjunction with Analytical Condition Inspection (ACI) missiles. The remaining SLEP FDT kits will be delivered to the organizational-level maintenance units for installation via Time Compliance Technical Order (TCTO) in conjunction with scheduled maintenance activities. Service life extension of this critical weapon is essential to meet Air Force Global Strike Command (AFGSC) and United States Strategic Command (USSTRATCOM) operational needs.

Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

SLEP funds will continue to support AFGSC and USSTRATCOM requirements to keep the ALCM viable until replaced by the Long Range Stand Off (LRSO) cruise missile.

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

**Milestone/Development Status**

Engineering studies and analysis programs identified SLEP components for replacement due to aging and obsolescence issues. Solutions to these aging and obsolescence issues are being identified through engineering studies conducted by the Original Equipment Manufacturer.

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<b>Exhibit P-3a, Individual Modification: PB 2025 Air Force</b>										<b>Date: March 2024</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1					<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)					<b>Modification Number / Title:</b> 860109 / Flight Data Transmitter			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A							<b>MDAP/MAIS Code:</b>						
<b>Models of Systems Affected:</b> AGM-86B				<b>Modification Type:</b> Service Life Extension				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 2: FDT Kit - Depot</i>													
A Kits													
Recurring													
FDT Kit - Depot:INSTALL KITS Group A (Active)	- / -	- / -	24 / 1.334	24 / 1.380	- / -	24 / 1.380	24 / 1.414	24 / 1.460	24 / 1.493	24 / 1.020	- / -	144 / 8.101	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.334	- / 1.380	- / -	- / 1.380	- / 1.414	- / 1.460	- / 1.493	- / 1.020	- / -	- / 8.101	
<i>Subtotal: FDT Kit - Depot</i>	- / -	- / -	- / 1.334	- / 1.380	- / -	- / 1.380	- / 1.414	- / 1.460	- / 1.493	- / 1.020	- / -	- / 8.101	
<i>Modification Item 2 of 2: FDT Kit - Organic</i>													
A Kits													
Recurring													
FDT Kit - Organic:INSTALL KITS Group A (Active)	- / -	- / -	70 / 3.946	70 / 4.044	- / -	70 / 4.044	70 / 4.150	70 / 4.244	70 / 2.981	48 / 1.096	- / -	398 / 20.461	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 3.946	- / 4.044	- / -	- / 4.044	- / 4.150	- / 4.244	- / 2.981	- / 1.096	- / -	- / 20.461	
<i>Subtotal: FDT Kit - Organic</i>	- / -	- / -	- / 3.946	- / 4.044	- / -	- / 4.044	- / 4.150	- / 4.244	- / 2.981	- / 1.096	- / -	- / 20.461	
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / 5.280	- / 5.424	- / -	- / 5.424	- / 5.564	- / 5.704	- / 4.474	- / 2.116	- / -	- / 28.562	
<b>Support (All Modification Items)</b>													
PMA - Other Gov't Costs	- / 0.836	- / 0.049	- / 0.010	- / 0.641	- / -	- / 0.641	- / 0.635	- / 0.635	- / 0.625	- / -	- / 0.028	- / 3.459	
<i>Subtotal: Support</i>	- / 0.836	- / 0.049	- / 0.010	- / 0.641	- / -	- / 0.641	- / 0.635	- / 0.635	- / 0.625	- / -	- / 0.028	- / 3.459	
<b>Installation</b>													
<i>Modification Item 1 of 2: FDT Kit - Depot</i>	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.006	24 / 0.006	24 / 0.006	24 / 0.004	54 / 0.012	144 / 0.034	
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.006	24 / 0.006	24 / 0.006	24 / 0.004	54 / 0.012	144 / 0.034	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.836</b>	<b>0.049</b>	<b>5.290</b>	<b>6.065</b>	<b>0.000</b>	<b>6.065</b>	<b>6.205</b>	<b>6.345</b>	<b>5.105</b>	<b>2.120</b>	<b>0.040</b>	<b>32.055</b>	

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1	<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)	<b>Modification Number / Title:</b> 860109 / Flight Data Transmitter
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**ID Code** (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

**Modification Item 1 of 2:** FDT Kit - Depot

**Manufacturer Information**

Manufacturer Name: Robins AFB Manufacturer Location: Warner Robins, GA

Administrative Leadtime (in Months): 0 Production Leadtime (in Months): 19

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

**Installation Information**

**Method of Implementation:** Depot

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.006	6 / 0.000	- / -	- / -	- / -	24 / 0.006
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.006	6 / 0.000	- / -	- / -	24 / 0.006
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.006	6 / 0.000	- / -	24 / 0.006
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.004	6 / 0.000	24 / 0.004
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.006	24 / 0.006
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.006	24 / 0.006
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.006	24 / 0.006	24 / 0.006	24 / 0.004	54 / 0.012	144 / 0.034

**Installation Schedule**

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	54	144
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	54	144

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<b>Exhibit P-3a, Individual Modification:</b> PB 2025 Air Force						<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 03 / 1			<b>P-1 Line Item Number / Title:</b> MALCBG / Air Launch Cruise Missile (ALCM)			<b>Modification Number / Title:</b> 860109 / Flight Data Transmitter	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>MDAP/MAIS Code:</b>		
<b>Modification Item 2 of 2:</b> FDT Kit - Organic							
<b>Manufacturer Information</b>							
Manufacturer Name: Robins AFB				Manufacturer Location: Warner Robins, GA			
Administrative Leadtime (in Months): 0				Production Leadtime (in Months): 19			
<b>Dates</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>
Contract Dates		Jun 2024	Jun 2025	Jun 2026	Jun 2027	Jun 2028	Jun 2029
Delivery Dates		Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
<b>Installation Information</b>							
<b>Method of Implementation (Organic):</b> Org/Intermediate					<b>Installation Quantity:</b> 398		

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 3020F: Missile Procurement, Air Force / BA 04: Spares and Repair Parts / BSA 10: Missile Spares and Repair Parts

**P-1 Line Item Number / Title:**  
 00098A / Msl Sprs/Repair Parts (Initial)

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	16.202	6.840	6.956	-	6.956	5.855	5.945	7.272	18.462	0.000	67.532
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	16.202	6.840	6.956	-	6.956	5.855	5.945	7.272	18.462	0.000	67.532
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.000</b>	<b>16.202</b>	<b>6.840</b>	<b>6.956</b>	<b>-</b>	<b>6.956</b>	<b>5.855</b>	<b>5.945</b>	<b>7.272</b>	<b>18.462</b>	<b>0.000</b>	<b>67.532</b>

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

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

**Description:**

Missile Initial Spares (Budget Program 26) and Replenishment Spares (Budget Program 25) Program Description: MISSILE INITIAL SPARES (Budget Program 26). Missile Initial Spares are required to fill the initial spare parts pipeline or inventory for all new ballistic and non-ballistic missile systems, including modifications, support equipment, and other production categories. Initial spares include peculiar repairable and consumable components, assemblies, and subassemblies that must be available for issue at all levels of supply in time to support and maintain newly fielded end items.

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

Working Capital Fund (WCF) Spares. Since FY94 most spares are purchased using obligation authority in the WCF. When the spares are delivered, this central procurement account reimburses the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.

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 Contractor Logistics Support, Simulators/Trainers, Classified Equipment, and Munitions.

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

- AMRAAM, 185
- AIM-9X Blk II, 442
- JASSM, 555

This program has associated Research Development Test and Evaluation funding in PEs 11120F, 11213F, 27161F, 11122F, and 27163F.

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 04: Spares and Repair Parts / BSA 10: Missile Spares and Repair Parts

**P-1 Line Item Number / Title:**  
00098A / Msl Sprs/Repair Parts (Initial)

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-18	Missile Spares/Repair Parts (Initial)			185	- / -	- / 16.202	- / 6.840	- / 6.956	- / 0.000	- / 6.956
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.000</b>	<b>- / 16.202</b>	<b>- / 6.840</b>	<b>- / 6.956</b>	<b>- / -</b>	<b>- / 6.956</b>

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:**

AGM-86 Air Launched Cruise Missile (ALCM): The FY25 ALCM funding request for initial spares supports multiple on-going Service Life Extension Programs (SLEPs) to ensure ALCM remains viable until replaced by the Long Range Stand Off (LRSO) missile. ALCM SLEP projects include SLEP 1 and component SLEPs for the Rotary Switch, Warhead Arming Device, Guided Missile Flight Control, W-10 cable, Fuze Assembly, Inertial Navigation Element, Flight Data Transmitter, Voltage Regulator and Elevon Actuator Controller.

Joint Air-Surface Standoff Missile (JASSM): The FY25 JASSM missile initial spares program funds are required to fill the initial spares pipeline. Funding will procure critical initial spares for the JASSM and JASSM-ER programs. These parts include items such as seeker assemblies, missile control units (MCU), JASSM Anti-Jam GPS Receivers (JAGR), Electronic Safe and Arm Fuzes (ESAF), Bomb Impact Assessment (BIA) and other components to support and maintain fielded end items. These spares ensure JASSM meets Air Combat Command's materiel availability rates.

Long Range Anti-Ship Missile (LRASM): The FY25 LRASM missile initial spares program funds are required to fill the initial spares pipeline. Funding will procure initial spares for the AF LRASM program. These parts include items such radio frequency seeker (RFS) sensor suites, weapons data link (WDL), missile control units (MCU), power electronics control unit assembly (PECU), Electronic Safe and Arm Fuzes (ESAF), and other components to support and maintain fielded end items. These spares ensure LRASM meets Air Combat Command's materiel availability rates.

AIM-120 Advanced Medium Range Air to Air Missile: The FY25 Missile Initial Spares program funds the procurement of components required to facilitate depot level post warranty repairs.

AIM-9 Sidewinder/AIM-9X: FY25 funding for Missile Initial Spares program addresses depot level post warranty repairs and procures initial spares for all variants. These spares are essential for repairs that do not have parts available.

MM III Modifications: No FY25 funding being requested

SDB II: FY25 funds are required to further establish an initial baseline of spare components to stock the depot to sustain non-warranty repairs and to procure additional spares to prevent pipeline gaps, based on obsolescence, due to future planned configuration changes.



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<b>Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2025 Air Force</b>					<b>Date:</b> March 2024	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 04 / 10		<b>P-1 Line Item Number / Title:</b> 00098A / Msl Sprs/Repair Parts (Initial)			<b>Title:</b> Missile Spares/Repair Parts (Initial)	
<b>End Item Line Item Number / Name [MDAP/MAIS]</b>	<b>Prior Years</b> <i>(\$ M)</i>	<b>FY 2023</b> <i>(\$ M)</i>	<b>FY 2024</b> <i>(\$ M)</i>	<b>FY 2025 Base</b> <i>(\$ M)</i>	<b>FY 2025 OCO</b> <i>(\$ M)</i>	<b>FY 2025 Total</b> <i>(\$ M)</i>
<b>Initial</b>						
BA 04 - Spares and Repair Parts						
MALCBG / Air Launch Cruise Missile (ALCM)	-	0.000	0.360	0.366	0.000	0.366
MAMRA0 / AMRAAM [185]	-	4.465	2.286	2.336	0.000	2.336
JASSM0 / JOINT AIR-SURFACE STANDOFF MISSILE	-	0.469	0.482	0.491	0.000	0.491
M30MLG / MM III MODIFICATIONS	-	1.380	-	0.000	0.000	0.000
LRASM / Long Range Anti-Ship Missile (LRASM)	-	5.198	0.524	0.526	0.000	0.526
M09HAI / Sidewinder (AIM-9X)	-	3.546	2.034	2.079	0.000	2.079
SDB002 / Small Diameter Bomb (SDB)	-	1.144	1.154	1.158	0.000	1.158
<b>Subtotal: Initial</b>	-	<b>16.202</b>	<b>6.840</b>	<b>6.956</b>	<b>0.000</b>	<b>6.956</b>
<b>Total Cost (Initial + Replenishment)</b>	-	<b>16.202</b>	<b>6.840</b>	<b>6.956</b>	<b>0.000</b>	<b>6.956</b>

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 3020F: Missile Procurement, Air Force / BA 04: Spares and Repair Parts / BSA 10: Missile Spares and Repair Parts

**P-1 Line Item Number / Title:**  
 00098K / Msl Sprs/Repair Parts (Replen)

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.000	70.478	75.191	103.543	-	103.543	107.421	107.852	114.488	39.566	0.000	618.539
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	0.000	70.478	75.191	103.543	-	103.543	107.421	107.852	114.488	39.566	0.000	618.539
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.000</b>	<b>70.478</b>	<b>75.191</b>	<b>103.543</b>	-	<b>103.543</b>	<b>107.421</b>	<b>107.852</b>	<b>114.488</b>	<b>39.566</b>	<b>0.000</b>	<b>618.539</b>

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

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

**Description:**

Program Description: MISSILE REPLENISHMENT SPARES (Budget Program 25). The Missile Replenishment Spares program funds all ballistic and non-ballistic missile replenishment spares. The replenishment and repair spare parts are needed to support and maintain ballistic and non-ballistic missile systems. Replenishment spares include such items as rocket motors, cables, telemetry packages, and electronic components. Procurements will include spares with long production lead items.

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

- AMRAAM, 185
- SDB II, 439
- AIM-9X Blk II, 442

This program has associated Research Development Test and Evaluation funding in PEs 11120F, 11213F, 27161F, 11122F, and 27163F.

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 04: Spares and Repair Parts / BSA 10: Missile Spares and Repair Parts

**P-1 Line Item Number / Title:**  
00098K / Msl Sprs/Repair Parts (Replen)

**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 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-18	Msl Sprs/Repair Parts (Replen)				- / -	- / 70.478	- / 75.191	- / 103.543	- / 0.000	- / 103.543
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 0.000</b>	<b>- / 70.478</b>	<b>- / 75.191</b>	<b>- / 103.543</b>	<b>- / -</b>	<b>- / 103.543</b>

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:**

AGM-86 Air Launched Cruise Missile (ALCM): The FY25 ALCM funding request for replen spares supports multiple components for the ALCM. Funding supports initial spares for multiple on-going Service Life Extension Programs (SLEPs) to ensure it remains viable until the Long Range Stand Off (LRSO) missile fields. ALCM SLEP projects include SLEP 1 and component SLEPs for the Rotary Switch, Warhead Arming Device, Guided Missile Flight Control, W-10 cable, Fuze Assembly, Inertial Navigation Element and the Flight Data Transmitter.

MM III Modifications: FY25 replenishment spares funding will specifically procure items such as batteries ordnance, cables, antenna kits, telemetry packages, torque motors, and other electronic components supporting weapons system operations and operational test launches.

The flight test, telemetry, and termination system enables Minuteman Flight tests to provide aging surveillance data, operational test for modernizations/upgrades, and demonstrated nuclear deterrence. These funding increases through the FYDP enable the continued ability to flight test ICBMs through 2030.

Higher than expected costs were identified in the Production proposal received 26 May 23. The root cause of the increase in cost is tied to inflation in the cost of supply chain materials/components and services as well as stringent time based component requalification requirements for range certification.

AIM-9 Sidewinder/AIM-9X: FY25 funding for Missile Replenishment Spares program funds repairs for CATMs and AURs. These repairs include items such as live and inert batteries, Control Actuation System (CAS) and Inert Measurement Units.

HARM - FY25 funding is critical to the procurement of High-speed Anti-Radiation Missile (HARM) spare parts in support of Raytheon Missiles Defense System Factory repair of the Control and Guidance Sections for the AGM-88B/C/F All-Up-Rounds. AGM-88 missile is critical for the Suppression of Enemy Air Defenses. Additionally, funding is used for the procurement of Telemetry Sections used in Combat Air Forces Pilot Training and New Threat Analysis.

SDB I - FY25 Spares funds are required to support SDB I Guided Test Vehicles (GTV) modernization for the Weapon System Evaluation Program (WSEP). Spares funding will procure major sub-components such as flight termination and telemetry kits, and flight test recorders, to replace obsolete parts and convert GBU-39/B's into SDB I GTVs.

Hellfire - FY25 HELLFIRE missile replenishment spares funding is used to purchase parts not covered by warranty. The parts are used to support Industrial Base missile repairs completed by Lockheed Martin.

AIM-120 Advanced Medium Range Air to Air Missile: The FY25 Missile Replenishment Spares program funds AMRAAM field unit repairs and intermediate level repairs on Captive Air Training Missiles (CATM). These repairs include such items as filter rectifiers, harness assemblies, wings and fins.

The FY 2025 funding request was reduced by 0.1 million for PRDTA2, 7.0M for SDB000 and 5.282M for M30MLG to account for the availability of prior year execution balances

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**Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 04 / 10	<b>P-1 Line Item Number / Title:</b> 00098K / Msl Sprs/Repair Parts (Replen)	<b>Title:</b> Msl Sprs/Repair Parts (Replen)
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End Item Line Item Number / Name [MDAP/MAIS]	Prior Years <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	FY 2025 Base <i>(\$ M)</i>	FY 2025 OCO <i>(\$ M)</i>	FY 2025 Total <i>(\$ M)</i>
<b>Replenishment</b>						
BA 04 - Spares and Repair Parts						
MALCBG / AGM-86 Air Launched Cruise Missile (ALCM)	-	2.508	2.577	1.933	0.000	1.933
M88AAG / AGM-88A Tactical AGM Missile (HARM)	-	5.523	6.740	6.890	0.000	6.890
M09BA1 / AIM-9 Sidewinder	-	6.046	-	0.000	0.000	0.000
M09HA1 / AIM-9X	-	4.657	16.437	16.798	0.000	16.798
M30MLG / LGM-30 MINUTEMAN (MM III)	-	43.453	39.085	74.756	0.000	74.756
MAMRA0 / MAMRA0 - AIM-120 Advanced Medium Range Air to Air Missile (AMRAAM)	-	0.925	0.950	0.672	0.000	0.672
PRDTA2 / Predator Hellfire Missile	-	-	0.341	0.247	0.000	0.247
SDB000 / Small Diameter Bomb	-	7.366	9.061	2.247	0.000	2.247
<b>Subtotal: Replenishment</b>	-	<b>70.478</b>	<b>75.191</b>	<b>103.543</b>	<b>0.000</b>	<b>103.543</b>
<b>Total Cost (Initial + Replenishment)</b>	-	<b>70.478</b>	<b>75.191</b>	<b>103.543</b>	<b>0.000</b>	<b>103.543</b>

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
3020F: Missile Procurement, Air Force / BA 05: Other Support / BSA 4: Special Programs

**P-1 Line Item Number / Title:**  
MSPPRG / Special Update Programs

**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

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	36.933	419.498	628.436	-	628.436	572.760	666.422	691.297	1,091.477	-	4,106.823
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	-	36.933	419.498	628.436	-	628.436	572.760	666.422	691.297	1,091.477	-	4,106.823
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>36.933</b>	<b>419.498</b>	<b>628.436</b>	-	<b>628.436</b>	<b>572.760</b>	<b>666.422</b>	<b>691.297</b>	<b>1,091.477</b>	-	<b>4,106.823</b>

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

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

**Description:**

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

**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.

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