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

March 2024



Army

Justification Book Volume 1 of 1

Aircraft Procurement, Army

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Army • Budget Estimates FY 2025 • Procurement

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AIRCRAFT PROCUREMENT, ARMY

Appropriation Language

For construction, procurement, production, and modification of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$3,164,183,000 to remain available for obligation until September 30, 2027.

Fiscal Year (FY) 2025 Overseas Operations Costs funding accounted for in the Base budget include:

- Combat or direct combat support expenses that discontinue once combat operations end at major contingency locations \$15,697,000
- In-theater and in-CONUS expenses that remain after combat operations cease and have been previously funded in OCO \$4,453,000

FY 2023 includes \$99,494,000 in OOC execution. FY 2024 includes \$20,342,000 in OOC Annualized CR. FY 2025 includes \$20,150,000 for the OOC budget request.

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Department of Defense
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 DoD Component Summary
 (Dollars in Thousands)

Mar 2024

<u>Appropriation Summary</u>	FY 2024 PB		FY 2025 Request
	FY 2023 Actuals	Request with CR Adjustments	
Aircraft Procurement, Army	3,915,666	3,838,397	3,164,183
Total Department of the Army	3,915,666	3,838,397	3,164,183
Grand Total Department of Defense	3,915,666	3,838,397	3,164,183

*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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Department of the Army
FY 2025 President's Budget
Exhibit P-1 FY 2025 President's Budget
Total Obligational Authority
Army Summary
(Dollars in Thousands)

Mar 2024

<u>Appropriation Summary</u>	FY 2024 PB		FY 2025 Request
	FY 2023 Actuals	Request with CR Adjustments	
Aircraft Procurement, Army	3,915,666	3,838,397	3,164,183
Total Department of the Army	3,915,666	3,838,397	3,164,183

*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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Department of the Army
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A BA Summary
 (Dollars in Thousands)

Mar 2024

Appropriation: Aircraft Procurement, Army	FY 2024 PB		FY 2025 Request
	FY 2023 Actuals	Request with CR Adjustments	
<u>Budget Activity</u>			
01. Aircraft	2,705,409	2,038,531	2,256,209
02. Modification of aircraft	593,447	401,037	360,698
04. Support equipment and facilities	616,810	572,872	547,276
20. Undistributed		825,957	
Total Aircraft Procurement, Army	3,915,666	3,838,397	3,164,183

*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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Department of the Army
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A Detail
 (Dollars in Thousands)

Mar 2024

Appropriation: 2031 Aircraft Procurement, Army				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
<u>Budget Activity 01: Aircraft</u>									
Fixed Wing									
1	MQ-1 UAV	A	U	12	350,000				
2	Future UAS Family	A	U				53,453		149,059
3	SMALL UNMANNED AIRCRAFT SYSTEMS	A	U		6,725		20,769		69,573
Rotary									
4	AH-64 Apache Block IIIA Reman	A	U	38	(810,785)	42	(887,796)	31	(681,015)
	Less: Advance Procurement (PY)				(-192,230)		(-169,218)		(-110,360)
					618,555		718,578		570,655
5	AH-64 Apache Block IIIA Reman								
	Advance Procurement (CY)				169,218		110,360		
	C (FY 2023 for FY 2024) (M)				(169,218)				
	C (FY 2024 for FY 2025) (M)						(110,360)		

*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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Department of the Army
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A Detail
 (Dollars in Thousands)

Mar 2024

Appropriation: 2031 Aircraft Procurement, Army				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
6	UH-60 Blackhawk M Model (MYP)		U	35	(1,068,403)	24	(736,405)	24	(801,548)
	Less: Advance Procurement (PY)				(-146,068)		(-68,147)		(-92,494)
					922,335		668,258		709,054
7	UH-60 Blackhawk M Model (MYP)								
	Advance Procurement (CY)				68,147		92,494		58,170
	C (FY 2023 for FY 2024) (M)				(68,147)				
	C (FY 2024 for FY 2025) (M)						(92,494)		
	C (FY 2025 for FY 2026) (M)								(58,170)
8	UH-60 Black Hawk L and V Models	A	U	21	178,658	26	153,196		
9	CH-47 Helicopter	A	U	9	(387,708)	6	(221,236)	10	(718,634)
	Less: Advance Procurement (PY)				(-18,559)		(-18,749)		(-18,936)
					369,149		202,487		699,698
10	CH-47 Helicopter								
	Advance Procurement (CY)				18,749		18,936		
	C (FY 2023 for FY 2024) (M)				(18,749)				
	C (FY 2024 for FY 2025) (M)						(18,936)		

*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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Department of the Army
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A Detail
 (Dollars in Thousands)

Mar 2024

Appropriation: 2031 Aircraft Procurement, Army				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
11	Spectrum Army SUAS	A	U		3,873				
Total Aircraft						2,705,409		2,038,531	2,256,209
<u>Budget Activity 02: Modification of aircraft</u>									
Modification of Aircraft									
12	MQ-1 PAYLOAD	A	U		72,700		13,650		14,086
13	Gray Eagle Mods2	A	U		133,038		14,959		23,865
14	MULTI SENSOR ABN RECON		U		20,924				
15	AH-64 MODS	A	U		85,840		113,127		81,026
16	CH-47 Cargo Helicopter Mods (MYP)		U		49,357		20,689		15,825
17	Utility Helicopter Mods		U		39,346		35,879		34,565
18	Network And Mission Plan	A	U		42,450		32,418		49,862

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Department of the Army
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A Detail
 (Dollars in Thousands)

Appropriation: 2031 Aircraft Procurement, Army			FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request		
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
19	Comms, Nav Surveillance	A	U		68,815		74,912		61,362
20	Degraded Visual Environment	A	U				16,838		3,839
21	Aviation ASSURED PNT	A	U		66,294		67,383		69,161
22	GATM Rollup	A	U		14,683		8,924		4,842
23	UAS MODS	A	U				2,258		2,265
Total Modification of aircraft					593,447		401,037		360,698

Budget Activity 04: Support equipment and facilities

Ground Support Avionics

24	Aircraft Survivability Equipment		U		167,927		161,731		139,331
25	Survivability CM		U		884		6,526		
26	CMWS	A	U		100,172		72,041		51,646

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Department of the Army
 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A Detail
 (Dollars in Thousands)

Mar 2024

Appropriation: 2031 Aircraft Procurement, Army				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
27	Common Infrared Countermeasures (CIRCM)	A	U	125	272,262	125	261,384	100	257,854
Other Support									
28	Common Ground Equipment		U		19,918		25,752		31,181
29	Aircrew Integrated Systems		U		25,773		22,097		14,478
30	Air Traffic Control		U		27,492		21,216		27,428
31	Launcher, 2.75 Rocket		U		1,820		2,125		3,815
32	Launcher Guided Missile: Longbow Hellfire XM2	A	U						21,543
33	Closed Account Adjustment		U		562				
Total Support equipment and facilities					616,810		572,872		547,276

Budget Activity 20: Undistributed

Undistributed

*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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 FY 2025 President's Budget
 Exhibit P-1 FY 2025 President's Budget
 Total Obligational Authority
 2031A Detail
 (Dollars in Thousands)

Mar 2024

Appropriation: 2031 Aircraft Procurement, Army				FY 2023 Actuals		FY 2024 PB Request with CR Adjustments		FY 2025 Request	
Line No	Item Nomenclature	Ident Code	Sec	Quantity	Cost	Quantity	Cost	Quantity	Cost
34	Adj to Match Continuing Resolution	A	U				825,957		
Total Undistributed							825,957		
Total Aircraft Procurement, Army					3,915,666		3,838,397		3,164,183

*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 2031A: Aircraft Procurement, Army

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1	01	10	9670A00005	MQ-1 UAV.....	Volume 1 - 1
2	01	10	9672A00510	Future UAS Family.....	Volume 1 - 2
3	01	10	9678A12500	SMALL UNMANNED AIRCRAFT SYSTEMS.....	Volume 1 - 11
4	01	20	5757A05111	AH-64 Apache Block IIIA Reman.....	Volume 1 - 21
5	01	20	5757A05111	AH-64 Apache Block IIIA Reman, Advance Procurement.....	Volume 1 - 35
6	01	20	6771AA0005	UH-60 Blackhawk M Model (MYP).....	Volume 1 - 39
7	01	20	6771AA0005	UH-60 Blackhawk M Model (MYP), Advance Procurement.....	Volume 1 - 48
8	01	20	6773A05009	UH-60 Black Hawk L and V Models.....	Volume 1 - 52
9	01	20	6775A05101	CH-47 Helicopter.....	Volume 1 - 53
10	01	20	6775A05101	CH-47 Helicopter, Advance Procurement.....	Volume 1 - 64
11	01	20	9990A19900	Spectrum Army SUAS.....	Volume 1 - 68

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Appropriation 2031A: Aircraft Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
12	02	10	0023A01001	MQ-1 PAYLOAD.....	Volume 1 - 69
13	02	10	0756AA6601	Gray Eagle Mods2.....	Volume 1 - 78
14	02	10	1036AZ2001	MULTI SENSOR ABN RECON.....	Volume 1 - 94
15	02	10	2706AA6605	AH-64 MODS.....	Volume 1 - 97
16	02	10	3264AA0252	CH-47 Cargo Helicopter Mods (MYP).....	Volume 1 - 111
17	02	10	6949AA0480	Utility Helicopter Mods.....	Volume 1 - 130
18	02	10	8658AA0712	Network And Mission Plan.....	Volume 1 - 140
19	02	10	8659AA0723	Comms, Nav Surveillance.....	Volume 1 - 153
20	02	10	8660A00713	Degraded Visual Environment.....	Volume 1 - 173
21	02	10	8662A01006	Aviation ASSURED PNT.....	Volume 1 - 175
22	02	10	8859AA0711	GATM Rollup.....	Volume 1 - 185
23	02	10	9556A01002	UAS MODS.....	Volume 1 - 187

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25	04	10	5044AZ3507	Survivability CM.....	Volume 1 - 213
26	04	10	5397AZ3517	CMWS.....	Volume 1 - 215
27	04	10	5399AZ3537	Common Infrared Countermeasures (CIRCM).....	Volume 1 - 223
28	04	30	5212AZ3100	Common Ground Equipment.....	Volume 1 - 237
29	04	30	6380AZ3110	Aircrew Integrated Systems.....	Volume 1 - 241
30	04	30	6818AA0050	Air Traffic Control.....	Volume 1 - 245
31	04	30	9154A50100	Launcher, 2.75 Rocket.....	Volume 1 - 251
32	04	30	9157J01200	Launcher Guided Missile: Longbow Hellfire XM299.....	Volume 1 - 252
33	04	30	9900AZ9999	CLOSED ACCOUNT ADJUSTMENT.....	Volume 1 - 263

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AH-64 Apache Block IIIA Reman, Advance Procurement	5757A05111	5	01	20.....	Volume 1 - 35
AH-64 MODS	2706AA6605	15	02	10.....	Volume 1 - 97
Air Traffic Control	6818AA0050	30	04	30.....	Volume 1 - 245
Aircraft Survivability Equipment	3632AZ3504	24	04	10.....	Volume 1 - 189
Aircrew Integrated Systems	6380AZ3110	29	04	30.....	Volume 1 - 241
Aviation ASSURED PNT	8662A01006	21	02	10.....	Volume 1 - 175
CH-47 Cargo Helicopter Mods (MYP)	3264AA0252	16	02	10.....	Volume 1 - 111
CH-47 Helicopter	6775A05101	9	01	20.....	Volume 1 - 53
CH-47 Helicopter, Advance Procurement	6775A05101	10	01	20.....	Volume 1 - 64
CLOSED ACCOUNT ADJUSTMENT	9900AZ9999	33	04	30.....	Volume 1 - 263
CMWS	5397AZ3517	26	04	10.....	Volume 1 - 215
Common Ground Equipment	5212AZ3100	28	04	30.....	Volume 1 - 237
Common Infrared Countermeasures (CIRCM)	5399AZ3537	27	04	10.....	Volume 1 - 223
Comms, Nav Surveillance	8659AA0723	19	02	10.....	Volume 1 - 153
Degraded Visual Environment	8660A00713	20	02	10.....	Volume 1 - 173
Future UAS Family	9672A00510	2	01	10.....	Volume 1 - 2

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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Gray Eagle Mods2	0756AA6601	13	02	10.....	Volume 1 - 78
Launcher Guided Missile: Longbow Hellfire XM299	9157J01200	32	04	30.....	Volume 1 - 252
Launcher, 2.75 Rocket	9154A50100	31	04	30.....	Volume 1 - 251
MQ-1 PAYLOAD	0023A01001	12	02	10.....	Volume 1 - 69
MQ-1 UAV	9670A00005	1	01	10.....	Volume 1 - 1
MULTI SENSOR ABN RECON	1036AZ2001	14	02	10.....	Volume 1 - 94
Network And Mission Plan	8658AA0712	18	02	10.....	Volume 1 - 140
SMALL UNMANNED AIRCRAFT SYSTEMS	9678A12500	3	01	10.....	Volume 1 - 11
Spectrum Army SUAS	9990A19900	11	01	20.....	Volume 1 - 68
Survivability CM	5044AZ3507	25	04	10.....	Volume 1 - 213
UAS MODS	9556A01002	23	02	10.....	Volume 1 - 187
UH-60 Black Hawk L and V Models	6773A05009	8	01	20.....	Volume 1 - 52
UH-60 Blackhawk M Model (MYP)	6771AA0005	6	01	20.....	Volume 1 - 39
UH-60 Blackhawk M Model (MYP), Advance Procurement	6771AA0005	7	01	20.....	Volume 1 - 48
Utility Helicopter Mods	6949AA0480	17	02	10.....	Volume 1 - 130

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Lookup Matrix by Model

Model:	N/A	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
A00002	Communications Modernization	No

Model:	Longbow Apache	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA6606	AH-64 APACHE MODS	No

Model:	CH-47	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0252	CH-47 Cargo Helicopter Mods (MYP)	No

Model:	UH-60	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0492	UTILITY HELICOPTER MODS	Yes

Model:	UH-72	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0492	UTILITY HELICOPTER MODS	Yes

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model: UH-72		
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes

Model: AH-64D/E		
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes
AA0723	Comms, Nav Surveillance	Yes
A01006	Aviation ASSURED PNT	Yes

Model: CH-47D/F		
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes

Model: UH-60A/L/M/Q/V		
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model:	HH-60L/M	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes

Model:	EMARSS	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes

Model:	UAS	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0712	Network And Mission Plan	Yes
AA0723	Comms, Nav Surveillance	Yes
A01006	Aviation ASSURED PNT	Yes

Model:	UH/HH-60A/L	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0723	Comms, Nav Surveillance	Yes

Model:	UH/HH/MH-60M	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0723	Comms, Nav Surveillance	Yes

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model:	UH/HH/MH-60M	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
A01006	Aviation ASSURED PNT	Yes

Model:	CH-47D	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0723	Comms, Nav Surveillance	Yes
A01006	Aviation ASSURED PNT	Yes

Model:	CH/MH-47F	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0723	Comms, Nav Surveillance	Yes
A01006	Aviation ASSURED PNT	Yes

Model:	LUH	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
AA0723	Comms, Nav Surveillance	Yes

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model: UH/HH-60A/LV		
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
A01006	Aviation ASSURED PNT	Yes

Model: FW		
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
A01006	Aviation ASSURED PNT	Yes

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Exhibit P-1M, Procurement Programs - Modification Summary
(Funding for Modifications)

Funding (\$ M)

P-3a Modification Title	PYS	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Exhibit P-3a										
Communications Modernization	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641
AH-64 APACHE MODS	9,272.064	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776
CH-47 Cargo Helicopter Mods (MYP)	11,119.404	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132
UTILITY HELICOPTER MODS	1,768.173	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551
Network And Mission Plan	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068
Comms, Nav Surveillance	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147
Aviation ASSURED PNT	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174
Totals (Total Obligation Authority)										
Total Obligation Authority	24,948.485	485.140	359.367	335.666	0.000	335.666	316.137	352.366	394.023	403.489

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9670A00005 / MQ-1 UAV

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0305204A, 0305219A

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>)	286	12	-	-	-	-	-	-	-	-	-	298
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,861.729	350.000	-	-	-	-	-	-	-	-	-	4,211.729
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,861.729	350.000	-	-	-	-	-	-	-	-	-	4,211.729
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,861.729	350.000	-	-	-	-	-	-	-	-	-	4,211.729

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	13,502.549	29,166.667	-	-	-	-	-	-	-	-	-	14,133.319

Description:

The MQ-1C Gray Eagle provides the Army with an Extended Range, Multi-Purpose (ERMP) Uncrewed Aircraft System (UAS) in Multi-Domain Operations (MDO); capable of executing reconnaissance, security, attack, and intelligence collection missions in Range of Military Operations (ROMO). Sensors/Payloads include an Electro-Optical/Infrared/Laser Designator (EO/IR/LD), Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI), Signals Intelligence (SIGINT), and HELLFIRE missiles providing long range, deep sense/attack with standoff.

The MQ-1C Gray Eagle system consists of Aircraft (Modernized Extended Range), Single/Multi-Band Satellite Communication (SATCOM) Air Data Terminals (SB/MB-SADTs), Ground Expeditionary Equipment (Control Stations), Universal Ground Data Terminals (UGDTs), Single/Multi-Band SATCOM Ground Data Terminals (SB/MB-SGDTs), and Ground Based Sense And Avoid (GBSAA). Payloads include Electro-Optical/Infrared Laser Range Finder/Laser Designator (EO/IR/LD HD), Synthetic Aperture Radar/Ground Moving Target Indicator (SAR/GMTI), and Communication Relay to provide an operational ready capability.

4 May 2017, the Army approved an Army Acquisition Objective (AAO) adjustment to bring the total requirement to 204 MQ-1C Gray Eagle aircraft.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	12	-	-	-	-	-	-	-
	Total Obligation Authority	350.000	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	12	-	-	-	-	-	-	-
	Total Obligation Authority	350.000	-	-	-	-	-	-	-

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9672A00510 / Future UAS Family

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>)	-	-	4	47	-	47	49	49	45	178	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1.100	-	53.453	149.059	-	149.059	167.735	167.869	144.712	221.881	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1.100	-	53.453	149.059	-	149.059	167.735	167.869	144.712	221.881	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1.100	-	53.453	149.059	-	149.059	167.735	167.869	144.712	221.881	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	13,363.250	3,171.468	-	3,171.468	3,423.163	3,425.898	3,215.822	1,246.522	Continuing	Continuing

Description:

The Future Uncrewed Aircraft System (FUAS) is a critical system in the cross-domain capabilities concept that will employ multi-domain operation (MDO) capabilities at all echelons and allow ground-based forces to project power from land into other domains to defeat highly capable enemies, secure terrain, and consolidate gains. FUAS encompasses an array of capabilities from platoon Soldiers to Division Commanders.

Current FTUAS efforts are based on requirements from the AROC approved Abbreviated Capability Development Document (A-CDD) signed 12 August 2021. Manned, optionally-manned, and uncrewed systems will penetrate defense-in-depth environments by employing LE with teaming and swarming effects to detect, decoy, jam radar and communications, conduct cyber-attack, spoof and jam Global Positioning System (GPS), and kinetic engagement.

The Future Vertical Lift Cross Functional Team (FVL CFT) FUAS line of effort is comprised of multiple components, including the FTUAS and LE. FTUAS replaces the RQ-7Bv2 Shadow systems in the Brigade Combat Teams (BCT) with transformational capabilities. FTUAS provides the BCT commander a runway independent, expeditionary reconnaissance, surveillance, and target acquisition (RSTA) capability through vertical takeoff and landing (VTOL) and on the move (OTM) command and control. FTUAS enhances survivability in a multi-domain operations (MDO) environment through assured position, navigation, and timing (APNT) solutions; Type-1 encrypted datalinks; and a modular open systems approach (MOSA) that facilitates system upgrades at the pace of technology. FTUAS mitigates operation and support costs through organic sustainment capability. Additionally, FTUAS provides enhanced transportability, rapid deployability, expeditionary maneuver, and mobility for adaptive and agile operations. One FTUAS system consists of 6 air vehicles and payloads, 6 control stations, and ancillary equipment - representing a significantly reduced logistics footprint compared to the Shadow system. The aircraft subsystem includes the airframe, propulsion, avionics, communications, navigation, and software systems; aircraft-specific ground support equipment including power generation, transportation, or command and control equipment; aircraft software. The system also requires engineering, logistics, and programmatic support.

LE extends tactical and operational reach, lethality, and protection to the advanced team as an attritable or optionally recoverable aerial capability that detects, identifies, locates, and reports threats; represents a credible decoy; disrupts threat communication, targeting and acquisition systems; and delivers lethal and non-lethal effects against those threats across cross-domain capabilities. Current LE efforts are based on requirements from AROC approved A-CDD signed 28 May 2020.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	-	4	47	-	47	49	49	45	178
Total Obligation Authority	-	53.453	149.059	-	149.059	167.735	167.869	144.712	221.881

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9672A00510 / Future UAS Family

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Total:	Quantity	-	4	47	-	47	49	49	45	178
Secondary Distribution	Total Obligation Authority	-	53.453	149.059	-	149.059	167.735	167.869	144.712	221.881

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UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9672A00510 / Future UAS Family

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-5	A00511 / Air Launched Effects				- / -	- / -	- / -	40 / 20.040	- / -	40 / 20.040
P-5	A01311 / Future Tactical Unmanned Aircraft System (TUAS)	P-5a, P-21			- / 1.100	- / -	4 / 53.453	7 / 129.019	- / -	7 / 129.019
P-40	Total Gross/Weapon System Cost				- / 1.100	- / -	4 / 53.453	47 / 149.059	- / -	47 / 149.059

*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 Procurement funding for Future UAS (FUAS) Family is \$149.059M to include:

\$20.040M - Procurement and fielding of LE prototype assets. The Launched Effects program (A00511) is in the first year of Procurement funding, new start in FY 2025.

\$129.019M - Procurement of 7 FTUAS systems, attrition air vehicles, and system components. One FTUAS system will consist of 6 air vehicles and payloads, 6 control stations, and ancillary equipment - representing a significantly reduced logistics footprint compared to the Shadow system. The aircraft subsystem will include the airframe, propulsion, avionics, communications, navigation, and software systems; aircraft-specific ground support equipment including power generation, transportation, or command and control equipment; aircraft software. The system also requires engineering, logistics, and programmatic support.

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.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: 9672A00510 / Future UAS Family	Item Number / Title [DODIC]: A00511 / Air Launched Effects
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	40	-	40
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	20.040	-	20.040
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>	-	-	-	20.040	-	20.040
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	20.040	-	20.040

(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 Thousands)</i>	-	-	-	501.000	-	501.000

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
System Integration/ Manufacturing	-	-	-	-	-	-	-	-	-	433.825	40	17.353	-	-	-	433.825	40	17.353
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	17.353	-	-	-	-	-	17.353
Non Recurring Cost																		
Systems Engineering and Program Management	-	-	-	-	-	-	-	-	-	-	-	2.687	-	-	-	-	-	2.687
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	2.687	-	-	-	-	-	2.687
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	-	-	-	-	-	-	20.040	-	-	-	-	-	20.040
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	501.000	40	20.040	-	-	-	501.000	40	20.040

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	-	-	40	-	40
Total Obligation Authority	-	-	20.040	-	20.040
Total: Secondary Distribution	-	-	40	-	40
Total Obligation Authority	-	-	20.040	-	20.040

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10		P-1 Line Item Number / Title: 9672A00510 / Future UAS Family
		Item Number / Title [DODIC]: A01311 / Future Tactical Unmanned Aircraft System (TUAS)

ID Code (A=Service Ready, B=Not Service Ready) :				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>)				-	-	4	7	-	7
Gross/Weapon System Cost (<i>\$ in Millions</i>)				1.100	-	53.453	129.019	-	129.019
Less PY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)				1.100	-	53.453	129.019	-	129.019
Plus CY Advance Procurement (<i>\$ in Millions</i>)				-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)				1.100	-	53.453	129.019	-	129.019
<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 Thousands</i>)				-	-	13,363.250	18,431.286	-	18,431.286

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Non Recurring Cost																		
FTUAS System ⁽¹⁾	-	-	1.100	-	-	-	11,560.750	4	46.243	16,976.857	7	118.838	-	-	-	16,976.857	7	118.838
<i>Subtotal: Non Recurring Cost</i>	-	-	1.100	-	-	-	-	-	46.243	-	-	118.838	-	-	-	-	-	118.838
Subtotal: Flyaway Cost	-	-	1.100	-	-	-	-	-	46.243	-	-	118.838	-	-	-	-	-	118.838
Package Fielding Cost																		
Non Recurring Cost																		
New Equipment Training	-	-	-	-	-	-	466.250	4	1.865	-	-	3.730	-	-	-	-	-	3.730
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	1.865	-	-	3.730	-	-	-	-	-	3.730
Subtotal: Package Fielding Cost	-	-	-	-	-	-	-	-	1.865	-	-	3.730	-	-	-	-	-	3.730
Support - Program Management Cost																		
Government Management	-	-	-	-	-	-	-	-	5.345	-	-	6.451	-	-	-	-	-	6.451
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	-	-	-	5.345	-	-	6.451	-	-	-	-	-	6.451
Gross/Weapon System Cost	-	-	1.100	-	-	-	13,363.250	4	53.453	18,431.286	7	129.019	-	-	-	18,431.286	7	129.019

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10		P-1 Line Item Number / Title: 9672A00510 / Future UAS Family
		Item Number / Title [DODIC]: A01311 / Future Tactical Unmanned Aircraft System (TUAS)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Element Breakout	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
FTUAS System	-	-	1.100	-	-	-	11,560.750	4	46.243	16,976.857	7	118.838	-	-	-	16,976.857	7	118.838
FTUAS Air Vehicle	-	-	1.100	-	-	-	5,894.500	4	23.578	11,355.143	7	79.486	-	-	-	11,355.143	7	79.486
Ground Control Station/Ground Data Terminal	-	-	-	-	-	-	-	-	7.495	-	-	18.811	-	-	-	-	-	18.811
On-The-Move Control Station	-	-	-	-	-	-	-	-	7.495	-	-	18.811	-	-	-	-	-	18.811
Ground Support Equipment	-	-	-	-	-	-	-	-	0.926	-	-	1.730	-	-	-	-	-	1.730
Interim Contractor Support	-	-	-	-	-	-	-	-	6.749	-	-	-	-	-	-	-	-	-

Remarks:

One FTUAS system will consist of 6 air vehicles and payloads, 6 control stations, and ancillary equipment - representing a significantly reduced logistics footprint compared to the Shadow system. The aircraft subsystem will include the airframe, propulsion, avionics, communications, navigation, and software systems; aircraft-specific ground support equipment including power generation, transportation, or command and control equipment; aircraft software. The system also requires engineering, logistics, and programmatic support. At 6-10 hours individual air vehicle endurance, the FTUAS system provides BCT commanders with 24 hours continuous coverage of two simultaneous areas across the 96-hour Joint Force Entry in multi-domains operations. Each FTUAS system supports two air vehicles operating simultaneously, each with a range of 100-125 km.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	4	7	-	7
	Total Obligation Authority	-	53.453	129.019	-	129.019
Total: Secondary Distribution	Quantity	-	4	7	-	7
	Total Obligation Authority	-	53.453	129.019	-	129.019

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10			P-1 Line Item Number / Title: 9672A00510 / Future UAS Family				Item Number / Title [DODIC]: A01311 / Future Tactical Unmanned Aircraft System (TUAS)					
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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
FTUAS System ^(†)		2025	TBD / TBD	SS / TBD	TBD	May 2025	May 2026	7	16,976.857	N	Dec 2024	Jan 2025

^(†) indicates the presence of a P-21

Remarks:
TBD information pending completion of MTA Rapid Prototyping competition and future Army production decision.

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10		P-1 Line Item Number / Title: 9672A00510 / Future UAS Family
		Item Number / Title [DODIC]: A01311 / Future Tactical Unmanned Aircraft System (TUAS)

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2025													Fiscal Year 2026													B A L A N C E
O C 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			

FTUAS System							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	0
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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 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10		P-1 Line Item Number / Title: 9672A00510 / Future UAS Family
		Item Number / Title [DODIC]: A01311 / Future Tactical Unmanned Aircraft System (TUAS)

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	TBD - TBD	7	12	12	4	8	12	20	4	8	12	20

Remarks:
TBD information pending completion of MTA Rapid Prototyping competition and future Army production decision.

"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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS

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>)	-	207	459	270	-	270	265	277	300	301	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	6.725 ⁽¹⁾	20.769	69.573	-	69.573	20.591	38.422	64.059	64.524	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	6.725 ⁽²⁾	20.769	69.573	-	69.573	20.591	38.422	64.059	64.524	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	6.725 ⁽³⁾	20.769	69.573	-	69.573	20.591	38.422	64.059	64.524	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	32.488 ⁽⁴⁾	45.248	257.678	-	257.678	77.702	138.708	213.530	214.365	Continuing	Continuing

Description:

The Rucksack Portable Uncrewed Aircraft System (RPUAS) Family of Small Uncrewed Aircraft System (FoSUAS) requirements are transitioning to the Joint Small Uncrewed Aircraft System sUAS Capability Development Document (J-sUAS CDD) to solve current and emergent operational gaps. These systems provide battalion and below ground maneuver elements with critical situational awareness and enhanced force protection. The system provides an organic and responsive reconnaissance and targeting capability with real-time Full Motion Video and sensor data that is also available to inter-operable digital data linked systems, such as the One System Remote Video Terminal and manned platforms. The RPUAS FoSUAS includes the Short Range Reconnaissance (SRR), the Medium Range Reconnaissance (MRR), and the Long Range Reconnaissance (LRR). Each system includes aircraft, ground control equipment, handheld ground control station and Robotics Autonomous Command and Control (RAC2) software.

The Short-Range Reconnaissance (SRR) capability utilizes RQ-28A SRR for first generation fielding which provides platoons 30 minute flight endurance, 3 km operational range, an EO/IR Payload, and sub 3lb target weight. SRR is currently prototyping the second generation air vehicle FY 2022-FY 2025 which offers modular payloads, day & night obstacle avoidance, target recognition & automated following, and common software which will be used across all Group I and II UAS.

Company Level sUAS Directed Requirement, signed June 2023, will be organic to Infantry Company Maneuver units. The system will be employed with a minimum of eight hours of coverage over a 24 hour period, within a 10 km range. Additionally, it will include a modular mission payload capability to execute primary lethal and non-lethal enabling missions to include Reconnaissance, Surveillance, and Target Acquisition (RSTA), Communications Extension/Relay, Lethality and Passive Electronic Warfare - Sensing/SIGINT in day and night all weather conditions.

Commercial Off the Shelf (COTS) Uncrewed Aircraft Systems (UAS) to support the Chief of Staff of the Army's unit training initiatives.

Long Range Reconnaissance (LRR) System will provide organic maneuver battalions an uncrewed air vehicle designed to support Reconnaissance, Surveillance, and Target Acquisition (RSTA) efforts. The system will have an aircraft weight of less than 55 lbs, a range of 30-60 km and endurance of 5-8 hours. System will include Assured Positioning, Navigation and Timing (APNT), data links to optimize the modular mission payloads (Electro-Optical/Infra-Red (EO/IR), laser targeting/designating) and kinetic architectures in a contested environment.

Procurement for LRR (A12513) begins FY 2027. Funds will procure the final hardware design for final operational testing and to prepare for fielding to begin in FY 2028.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	207	372	270	-	270	159	171	195	195
	Total Obligation Authority	6.725 ⁽⁵⁾	16.761	69.573	-	69.573	12.355	30.192	55.846	56.228
ANG	Quantity	-	87	-	-	-	80	79	79	80
	Total Obligation Authority	-	4.008	-	-	-	6.177	6.172	6.160	6.222
AR	Quantity	-	-	-	-	-	26	27	26	26
	Total Obligation Authority	-	-	-	-	-	2.059	2.058	2.053	2.074
Total: Secondary Distribution	Quantity	207	459	270	-	270	265	277	300	301
	Total Obligation Authority	6.725⁽⁶⁾	20.769	69.573	-	69.573	20.591	38.422	64.059	64.524

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing **P-1 Line Item Number / Title:** 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS

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-5	A12511 / SHORT RANGE RECONNAISSANCE	P-5a, P-21			- / -	207 / 6.725 ⁽⁷⁾	459 / 20.769	270 / 69.573	- / -	270 / 69.573
P-40	Total Gross/Weapon System Cost				- / -	207 / 6.725 ⁽¹⁾	459 / 20.769	270 / 69.573	- / -	270 / 69.573

*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 Base procurement dollars in the amount of \$69.573 million supports SRR, Company Level SUAS DR and COTS UAS.

- \$21.073 million for procurement of 270 SRR Tranche 2 Systems (system consists of 2 air vehicles, 1 Handheld Ground Control Station (HGCS), Digital Data Link (DDL) and Electro-Optical/Infrared (EO/IR) Payload). Remaining funding is for initial spares packages, training, fielding, technical and program support. This is an increase from the FY 2024 requested level to support Army requirements.
- \$25 million for Company Level SUAS DR
- \$23.5 million for the Chief of Staff of the Army's COTS UAS unit training initiative.

Starting in FY 2023, funding was moved from A00010 to A12511 for SRR.

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.

Footnotes:

- ⁽⁸⁾ The correct P-5 Gross/Weapon System Unit Cost for FY 2023 is \$51.198K.
- ⁽¹⁾ The correct Gross/Weapon System Cost for FY 2023 is \$10,598K.
- ⁽²⁾ The correct Net Procurement for FY 2023 is \$10,598K.
- ⁽³⁾ The correct Total Obligation Authority for FY 2023 is \$10,598K.
- ⁽⁴⁾ The correct Gross/Weapon System Unit Cost for FY 2023 is \$51.198K.
- ⁽⁵⁾ The correct Secondary Distribution Army Active Total Obligation Authority for FY 2023 is \$10,598K.
- ⁽⁶⁾ The correct Secondary Distribution Total for FY 2023 is \$10,598K.
- ⁽⁷⁾ The correct P-5 Gross/Weapon System Cost for FY 2023 is \$10,598K.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS	Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE

ID Code (A=Service Ready, B=Not Service Ready) :				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>				-	207	459	270	-	270
Gross/Weapon System Cost <i>(\$ in Millions)</i>				-	6.725 ⁽⁷⁾	20.769	69.573	-	69.573
Less PY Advance Procurement <i>(\$ in Millions)</i>				-	-	-	-	-	-
Net Procurement (P-1) <i>(\$ in Millions)</i>				-	6.725 ⁽⁹⁾	20.769	69.573	-	69.573
Plus CY Advance Procurement <i>(\$ in Millions)</i>				-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>				-	6.725 ⁽¹⁰⁾	20.769	69.573	-	69.573
<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 Thousands)</i>				-	32.488 ⁽⁸⁾	45.248	257.678	-	257.678

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Initial Spares	-	-	-	-	-	0.390	-	-	0.400	-	-	0.478	-	-	-	-	-	0.478
Technical Support	-	-	-	-	-	0.154	-	-	0.432	-	-	0.673	-	-	-	-	-	0.673
Logistics (Fielding)	-	-	-	-	-	0.861	-	-	0.424	-	-	0.653	-	-	-	-	-	0.653
Training	-	-	-	-	-	0.700	-	-	0.845	-	-	0.877	-	-	-	-	-	0.877
PM Support	-	-	-	-	-	0.429	-	-	0.397	-	-	0.842	-	-	-	-	-	0.842
Directed Requirement Initial Spares	-	-	-	-	-	-	-	-	-	-	-	2.693	-	-	-	-	-	2.693
Directed Requirement Training	-	-	-	-	-	-	-	-	-	-	-	0.773	-	-	-	-	-	0.773
Directed Requirement Support Activities	-	-	-	-	-	-	-	-	-	-	-	8.875	-	-	-	-	-	8.875
Directed Requirement PM Support	-	-	-	-	-	-	-	-	-	-	-	1.100	-	-	-	-	-	1.100
COTS Uncrewed Aircraft Systems (UAS) Fielding	-	-	-	-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	1.000
COTS UAS PM Support	-	-	-	-	-	-	-	-	-	-	-	0.688	-	-	-	-	-	0.688
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	2.534	-	-	2.498	-	-	18.652	-	-	-	-	-	18.652
<i>Subtotal: Flyaway Cost</i>	-	-	-	-	-	2.534	-	-	2.498	-	-	18.652	-	-	-	-	-	18.652

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS	Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Hardware Cost																		
Recurring Cost																		
Short Range Reconnaissance (SRR) Systems ⁽¹⁾	-	-	-	20.246 ⁽¹¹⁾	207	4.191 ⁽¹²⁾	39.806	459	18.271	65.000	270	17.550	-	-	-	65.000	270	17.550
COTS Uncrewed Aircraft Systems	-	-	-	-	-	-	-	-	-	-	-	21.812	-	-	-	-	-	21.812
Directed Requirement Uncrewed Aircraft Systems	-	-	-	-	-	-	-	-	-	642.167	18	11.559	-	-	-	642.167	18	11.559
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	4.191 ⁽¹³⁾	-	-	18.271	-	-	50.921	-	-	-	-	-	50.921
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	4.191 ⁽¹⁴⁾	-	-	18.271	-	-	50.921	-	-	-	-	-	50.921
Gross/Weapon System Cost	-	-	-	32.488 ⁽⁸⁾	207	6.725 ⁽⁷⁾	45.248	459	20.769	257.678	270	69.573	-	-	-	257.678	270	69.573

Remarks:
SRR Tranche 2 anticipated hardware unit cost (\$65,000) is for 1 SRR system (1 system consists of 2 SRR air vehicles, 1 Handheld Ground Control Station, Digital Data Link (DDL) and Electro-Optical/Infrared (EO/IR) Payload). Additional capabilities in Tranche 2 include M-Code GPS, Center Field of View targeting, increased EO/IR payload resolution, multi-band datalink, advanced computer hardware for target recognition and obstacle avoidance. These capabilities result in an increased costs over Tranche 1 hardware cost (\$39,800).

The first 5 lines on the P5 Cost Analysis are SRR costs (SRR Initial Spares, SRR Technical Support, SRR Logistics (Fielding), SRR Training, SRR PM Support).

Secondary Distributions shown in FY2025 are only for SRR, even though funding programmed is for SRR, CO Level SUAS Directed Requirement, and COTS UAS.

*In FY 2023, there is an error. The correct total budget for FY 2023 is \$10.598 Million. The database is incorrectly showing the total budget as \$6.725 Million. The Army will correct this error in a future budget submission.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	207	372	270	-	270
	Total Obligation Authority	6.725 ⁽¹⁵⁾	16.761	69.573	-	69.573
ANG	Quantity	-	87	-	-	-
	Total Obligation Authority	-	4.008	-	-	-
Total: Secondary Distribution	Quantity	207	459	270	-	270
	Total Obligation Authority	6.725⁽¹⁰⁾	20.769	69.573	-	69.573

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS	Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:
<p>(†) indicates the presence of a P-5a</p> <p>Footnotes:</p> <p>(7) The correct P-5 Gross/Weapon System Cost for FY 2023 is \$10,598K.</p> <p>(8) The correct P-5 Gross/Weapon System Unit Cost for FY 2023 is \$51.198K.</p> <p>(9) The correct P-5 Net Procurement for FY 2023 is \$10,598K.</p> <p>(10) The correct P-5 Total Obligation Authority for FY 2023 is \$10,598K.</p> <p>(11) The correct P-5 Short Range Reconnaissance (SRR) Systems unit cost for FY 2023 is \$38,957K</p> <p>(12) The correct P-5 Short Range Reconnaissance (SRR) Systems total cost for FY 2023 is \$8,064K</p> <p>(13) The correct P-5 Hardware Recurring Cost total for FY 2023 is \$8,064K</p> <p>(14) The correct P-5 Hardware cost for FY 2023 is \$8,064K</p> <p>(15) The correct P-5 Secondary Distribution Army Active Total Obligation Authority for FY 2023 is \$10,598K.</p>		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10			P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS				Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE					

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 (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Short Range Reconnaissance (SRR) Systems ^(†)		2023	Skydio / Redwood City, CA	C / IDIQ	ACC - Redstone	Apr 2023	May 2023	207	20.246	Y		Dec 2022
Short Range Reconnaissance (SRR) Systems ^(†)		2024	Skydio / Redwood City, CA	C / IDIQ	ACC Redstone	Mar 2024	May 2024	459	39.806	Y		Nov 2023
Short Range Reconnaissance (SRR) Systems ^(†)		2025	TBD / TBD	C / IDIQ	ACC Redstone	Mar 2025	May 2025	270	65.000	N		Nov 2024

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10										P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS										Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023														Fiscal Year 2024														B A L A N C E		
O C 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						
Short Range Reconnaissance (SRR) Systems																																				
	1	2023	ARMY	207	0	207												A -	35	35	34	34	34	35									0			
	1	2024	ARMY	459	0	459																							A -	-	100	100	100	100	59	0
	2	2025	ARMY	270	0	270																													270	
							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 Army															Date: March 2024									
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10										P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS										Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE				

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2025										Fiscal Year 2026										BALANCE		
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025										Calendar Year 2026												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L
Short Range Reconnaissance (SRR) Systems																													
1		2023	ARMY	207	207	0																							0
1		2024	ARMY	459	459	0																							0
2		2025	ARMY	270	0	270																							0

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10		P-1 Line Item Number / Title: 9678A12500 / SMALL UNMANNED AIRCRAFT SYSTEMS
		Item Number / Title [DODIC]: A12511 / SHORT RANGE RECONNAISSANCE

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	Skydio - Redwood City, CA	75	100	500	3	4	6	10	0	3	1	4
2	TBD - TBD	75	100	500	3	4	6	10	0	3	1	4

"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 Army **Date: March 2024**

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 5757A05111 / AH-64 Apache Block IIIA Reman

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: 202

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>)	507	38	42	31	-	31	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,427.843	810.785	887.796	681.015	-	681.015	1.753	1.612	1.609	1.625	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	1,932.976	192.230	169.218	110.360	-	110.360	-	-	-	-	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	8,494.867	618.555	718.578	570.655	-	570.655	1.753	1.612	1.609	1.625	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	2,125.206	169.218	110.360	-	-	-	-	-	-	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	10,620.073	787.773	828.938	570.655	-	570.655	1.753	1.612	1.609	1.625	Continuing	Continuing

(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 Thousands</i>)	150.140	18.800	0.000	0.000	-	0.000	-	-	-	-	Continuing	Continuing
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	20,567.738	21,336.447	21,138.000	21,968.226	-	21,968.226	-	-	-	-	Continuing	Continuing

Description:

AH-64E Reman is a complete remanufacture using a new airframe and meets all the requirements for Army and Joint interoperability goals for the future and adds significant combat capability while addressing obsolescence issues, ensuring the aircraft remains a viable combat multiplier beyond its lifecycle. The Army's only heavy attack helicopter, the AH-64E is fully digital with the latest technologies, adding significant combat capability to the aircraft. The AH-64E Apache is implementing an incremental design and fielding strategy as noted in the approved Capability Production Document (CPD). AH-64E Capability Version 1 includes Improved Drive and Propulsion System, Composite Main Rotor Blades (CMRB), Unmanned Aircraft System (UAS) Level III-IV Control, Improved Communications Suite, Improved Electronics / Modular Open Systems Approach, and Radar Electronics Unit (REU). Capability Version 4 includes Link 16, Air to Air to Ground (AAG) Video Relay, System Level Embedded Diagnostics (SLED), and provisions for Reduced-Size Crashworthy External Fuel Systems (RCEFS). Capability Version 6 includes Fire Control Radar (FCR) enhancements, Maritime Targeting Mode, Expanded Link-16, Image Blending, Multi-Mode Laser (MML), and Interactive Electronic Technical Manual (IETM) Upgrade. Production Lots 1-4 are Version 1 capable, Production Lots 5-8 are Version 4 capable, and Version 6 is included into the remaining Production Lots beginning with Production Lot 9. Upgrades are integrated as incremental block modifications. Other associated Government Furnished Equipment (GFE) such as the Modernized Radar Frequency Interferometer (M-RFI), Radar Electronics Unit (REU), and Manned/Unmanned Teaming Extended Capability (MUMT-X) will be procured and provided in accordance with the basis of issue plan. The program addresses operational shortfalls identified during real-world combat missions, meets Apache Capability Production Document (CPD) requirements for modernization, and provides necessary training, initial spares, and Peculiar Ground Support Equipment (PGSE). AH-64E aircraft entered the fleet in 2012.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	14	18	31	-	31	-	-	-
	Total Obligation Authority	290.245	355.259	570.655	-	570.655	1.753	1.612	1.609
ANG	Quantity	24	24	-	-	-	-	-	-
	Total Obligation Authority	497.528	473.679	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	38	42	31	-	31	-	-	-
	Total Obligation Authority	787.773	828.938	570.655	-	570.655	1.753	1.612	1.609

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 5757A05111 / AH-64 Apache Block IIIA Reman

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: 202

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	A05111 / AH-64 Apache Block IIIA Reman	P-5a, P-21			507 / 10,427.843	38 / 810.785	42 / 887.796	31 / 681.015	- / -	31 / 681.015
P-40	Total Gross/Weapon System Cost				507 / 10,427.843	38 / 810.785	42 / 887.796	31 / 681.015	- / -	31 / 681.015

*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 Base procurement dollars in the amount of \$570.655 million supports Full Rate Production (FRP) of AH-64E Apache Reman aircraft and associated support. The Apache PM will also begin engineering studies, testing, and modifications to support Area Weapon Systems lethality enhancement. The program was restructured in 2010 from the single AH-64E Apache (A05111) into two separate programs, AH-64E Apache Reman (A05111) and AH-64E Apache New Build (A05133).

The Apache Reman Program assumes a cost sharing with the New Build Program in accordance with the New Build Army Program Baseline (APB).

The current AH-64E Apache Remanufacture and New Build Army Procurement Objective (APO) is 791 Aircraft. The total AH-64E (Remanufacture and New Build) Army Acquisition Objective (AAO) is 812 Aircraft.

The Apache Reman Program quantities and associated funding include Multi-year contracts from FY 2017-FY 2021 and FY 2022-FY 2025.

Currently the total lead time (time from when first materials must be committed to aircraft delivery) is in excess of 36 months. The Cost Assessment and Program Evaluation (CAPE) Independent Cost Estimate (ICE) utilized 18% to 22% for Advance Procurement (AP). Each year's AP can be divided into 2 segments: 1) Government Furnished Equipment (GFE) such as engines, sensors and avionics and 2) Contractor Furnished Equipment (CFE). Material includes production components to support deliveries, provisioning material, pre-modification effort, and any potential termination liability costs. Long lead items include, but not limited to, such items as the Main Rotor Drive Shaft, Composite Main Rotor Blade, Improved Drive System, and Composite Stabilator IAW Financial Management Regulation (FMR) 7000.14-R.

The Economical Production Rate of 82 aircraft per year is the maximum capacity at Full Rate Production. The maximum capacity is driven primarily by manpower constraints. The production line is tooled to meet a max capacity of 98 aircraft per year assuming a 1-8-5 shift, however this would require additional hired labor. In order to increase the 1-8-5 (single shift) production rate, additional tooling and manpower must be procured. Capacity can be expanded to 144 aircraft per year with additional investment.

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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20		P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman
		Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Procurement Quantity (Units in Each)	507	38	42	31	-	31
Gross/Weapon System Cost (\$ in Millions)	10,427.843	810.785	887.796	681.015	-	681.015
Less PY Advance Procurement (\$ in Millions)	1,932.976	192.230	169.218	110.360	-	110.360
Net Procurement (P-1) (\$ in Millions)	8,494.867	618.555	718.578	570.655	-	570.655
Plus CY Advance Procurement (\$ in Millions)	2,125.206	169.218	110.360	-	-	-
Total Obligation Authority (\$ in Millions)	10,620.073	787.773	828.938	570.655	-	570.655

(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 Thousands)	20,567.738	21,336.447	21,138.000	21,968.226	-	21,968.226

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
CFE ^(†)	15,238.395	511	7,786.820	15,836.105	38	601.772	16,078.619	42	675.302	15,801.258	31	489.839	-	-	-	15,801.258	31	489.839
GFE	3,105.959	511	1,587.145	2,899.947	38	110.198	2,914.786	42	122.421	3,691.677	31	114.442	-	-	-	3,691.677	31	114.442
Non-Recurring Costs	-	-	249.288	-	-	2.000	-	-	2.000	-	-	2.000	-	-	-	-	-	2.000
Support Equipment	-	-	153.742	-	-	6.316	-	-	8.419	-	-	-	-	-	-	-	-	-
Other Costs	-	-	542.909	-	-	78.723	-	-	79.654	-	-	66.755	-	-	-	-	-	66.755
Initial Spares	-	-	107.939	-	-	11.776	-	-	-	-	-	7.979	-	-	-	-	-	7.979
<i>Subtotal: Recurring Cost</i>	-	-	<i>10,427.843</i>	-	-	<i>810.785</i>	-	-	<i>887.796</i>	-	-	<i>681.015</i>	-	-	-	-	-	<i>681.015</i>
<i>Subtotal: Flyaway Cost</i>	-	-	<i>10,427.843</i>	-	-	<i>810.785</i>	-	-	<i>887.796</i>	-	-	<i>681.015</i>	-	-	-	-	-	<i>681.015</i>
Gross/Weapon System Cost	20,567.738	507	10,427.843	21,336.447	38	810.785	21,138.000	42	887.796	21,968.226	31	681.015	-	-	-	21,968.226	31	681.015

Remarks:

The Prior Year quantity of 511 that is reported under the Flyaway Recurring Cost elements for CFE and GFE are correct. The Gross/Weapon System Cost quantity of 507 is being pulled from the P40 and cannot be updated. The difference in reported quantities reflect reduced procurement due to inflation impacts.

Other Costs is inclusive of the Apache PM cost share that is allocated by percentage across each funding line. Yearly adjustments in Other Costs correspond to increases or decreases across all Apache PM funding lines. These costs are for personnel that perform duties associated with Safety, Compliance, Training, Product Support, Engineering Services, and Logistics.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman	Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman

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

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	14	18	31	-	31
	Total Obligation Authority	290.245	355.259	570.655	-	570.655
ANG	Quantity	24	24	-	-	-
	Total Obligation Authority	497.528	473.679	-	-	-
Total:	Quantity	38	42	31	-	31
Secondary Distribution	Total Obligation Authority	787.773	828.938	570.655	-	570.655

(†) indicates the presence of a P-5a

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman	Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
CFE ^(†)		2014	The Boeing Company / Mesa, AZ	SS / FPIF	AMCOM	Mar 2014	Feb 2015	35	15,570.229	Y		Jul 2012
CFE ^(†)		2015	The Boeing Company / Mesa, AZ	SS / FPIF	AMCOM	Mar 2015	Feb 2016	53	14,679.510	Y		Aug 2014
CFE ^(†)		2016	The Boeing Company / Mesa, AZ	SS / FPIF	AMCOM	Mar 2016	Jan 2017	64	13,759.470	Y		Aug 2014
CFE		2017	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2017	Jan 2019	52	13,565.810	Y		Aug 2015
CFE ^(†)		2018	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2018	Jul 2019	48	12,956.958	Y		Aug 2015
CFE ^(†)		2019	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2019	Jul 2020	48	13,794.229	Y		Aug 2015
CFE ^(†)		2020	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2020	May 2021	49	13,969.796	Y		Aug 2015
CFE ^(†)		2021	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2021	Jun 2022	50	13,915.120	Y		Aug 2015
CFE ^(†)		2022	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2022	Aug 2024	24	17,217.083	Y		Feb 2020
CFE ^(†)		2023	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2023	Apr 2025	38	15,836.105	Y		Feb 2020
CFE ^(†)		2024	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2024	Feb 2026	42	16,078.619	Y		Feb 2020
CFE ^(†)		2025	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Mar 2025	Jan 2027	31	15,801.258	Y		Feb 2020

^(†) indicates the presence of a P-21

Remarks:
Major Contractor Furnished Equipment (CFE) cost drivers include, but not limited to, the Fuselage, Transmission, and Composite Main Rotor Blades. Major Government Furnished Equipment (GFE) includes engines, Embedded Global Positioning System Inertial Navigation Systems (EGIs), Radar Electronics Unit (REU), Modernized Target Acquisition Designation System (MTADS)/Pilot Night Vision System (PNVS) and Manned/Unmanned Teaming Extended Capability (MUMT-X). Other Cost includes Support Equipment, Peculiar Ground Support Equipment (PGSE), and Government Program Management Support.

Delivery schedules appear to extend beyond the 12 month period for the following reasons: Yearly procurement consist of AH-64E Remanufactured and New Build aircraft. Both variants are awarded on different contract line items. While each of these efforts deliver all of their aircraft within a 12 month span, they do not deliver within the same 12 month time period.

In FY 2022 supply chain delivery delays experienced during the COVID-19 global pandemic delayed the initial deliveries and increased production lead time by approximately one year. Subsequently, the Army and Boeing adjusted the production capacity downward (from 98 to 82 A/C per year) with a bilateral agreement; negotiated as part of the MYII contract awarded in March 2023. There is no gap between MYI and MYII deliveries. FY 2022 deliveries start Aug 2024, FY 2023 deliveries start May 2025, FY 2024 deliveries start Feb 2026, and FY 2025 deliveries start Jan 2027

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20										P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman										Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2016														Fiscal Year 2017														B A L A N C E		
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 5	BAL D U E A S O F 1 O C T	Calendar Year 2016														Calendar Year 2017														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
CFE																																			
Prior Years Deliveries: 88																																			
1		2014	ARMY	35	26	9	3	3	3																							0			
1		2015	ARMY	53	0	53	-	-	-	-	3	4	4	3	2	3	2	2	2	3	4	3	-	-	-	-	-	-	-	-	18				
1		2016	ARMY	64	0	64						A	-	-	-	-	-	-	-	-	-	1	4	4	4	5	5	5	5	5	26				
1		2018	ARMY	48	0	48																									48				
1		2019	ARMY	48	0	48																									48				
1		2020	ARMY	49	0	49																									49				
1		2021	ARMY	50	0	50																									50				
1		2022	ARMY	24	0	24																									24				
1		2023	ARMY	38	0	38																									38				
1		2024	ARMY	42	0	42																									42				
1		2025	ARMY	31	0	31																									31				
							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 Army				Date: March 2024							
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20				P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman				Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman			

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018												Fiscal Year 2019												BALANCE	
O C O #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018												Calendar Year 2019												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
CFE																															
Prior Years Deliveries: 88																															
1		2014	ARMY	35	35	0																							0		
1		2015	ARMY	53	35	18	-	-	-	-	1	6	6	5															0		
1		2016	ARMY	64	38	26	5	5	5	6	5																	0			
1		2018	ARMY	48	0	48						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	4	39	
1		2019	ARMY	48	0	48																				A	-	-	-	48	
1		2020	ARMY	49	0	49																							49		
1		2021	ARMY	50	0	50																							50		
1		2022	ARMY	24	0	24																							24		
1		2023	ARMY	38	0	38																							38		
1		2024	ARMY	42	0	42																							42		
1		2025	ARMY	31	0	31																							31		
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20										P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman										Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman									

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
CFE																															
Prior Years Deliveries: 88																															
1	2014	ARMY	35	35	0																							0			
1	2015	ARMY	53	53	0																							0			
1	2016	ARMY	64	64	0																							0			
1	2018	ARMY	48	9	39	5	4	4	5	4	4	4	4	5														0			
1	2019	ARMY	48	0	48	-	-	-	-	-	-	-	-	-	5	5	5	5	4	4	5	5	5	5				0			
1	2020	ARMY	49	0	49																							24			
1	2021	ARMY	50	0	50																							50			
1	2022	ARMY	24	0	24																							24			
1	2023	ARMY	38	0	38																							38			
1	2024	ARMY	42	0	42																							42			
1	2025	ARMY	31	0	31																							31			
						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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20										P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman										Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman									

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					
CFE																																			
Prior Years Deliveries: 88																																			
1		2014	ARMY	35	35	0																													0
1		2015	ARMY	53	53	0																													0
1		2016	ARMY	64	64	0																													0
1		2018	ARMY	48	48	0																													0
1		2019	ARMY	48	48	0																													0
1		2020	ARMY	49	25	24	5	4	4	5	5	1																							0
1		2021	ARMY	50	0	50	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	18	
1		2022	ARMY	24	0	24							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
1		2023	ARMY	38	0	38																													38
1		2024	ARMY	42	0	42																													42
1		2025	ARMY	31	0	31																													31
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20										P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman										Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman									

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
CFE																															
Prior Years Deliveries: 88																															
1		2014	ARMY	35	35	0																						0			
1		2015	ARMY	53	53	0																						0			
1		2016	ARMY	64	64	0																						0			
1		2018	ARMY	48	48	0																						0			
1		2019	ARMY	48	48	0																						0			
1		2020	ARMY	49	49	0																						0			
1		2021	ARMY	50	32	18	2	2	2	2	2	2	2	1	1													0			
1		2022	ARMY	24	0	24	-	-	-	-	-	-	-	-	-	2	2	4	4	4	2	2	3	1				0			
1		2023	ARMY	38	0	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	4	4	22		
1		2024	ARMY	42	0	42					A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42			
1		2025	ARMY	31	0	31																A	-	-	-	-	-	31			
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20										P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman										Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman									

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			

CFE																													
Prior Years Deliveries: 88																													
1	2014	ARMY	35	35	0																								0
1	2015	ARMY	53	53	0																								0
1	2016	ARMY	64	64	0																								0
1	2018	ARMY	48	48	0																								0
1	2019	ARMY	48	48	0																								0
1	2020	ARMY	49	49	0																								0
1	2021	ARMY	50	50	0																								0
1	2022	ARMY	24	24	0																								0
1	2023	ARMY	38	16	22	4	4	4	3	1	1	1	1	1														2	
1	2024	ARMY	42	0	42	-	-	-	-	1	3	3	3	4	4	4	4	4	3	3	4	2						0	
1	2025	ARMY	31	0	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	3	3	3	3	3	3	4	
						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 Army															Date: March 2024									
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20										P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman										Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman				

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			

CFE																														
Prior Years Deliveries: 88																														
1	2014	ARMY	35	35	0																								0	
1	2015	ARMY	53	53	0																								0	
1	2016	ARMY	64	64	0																								0	
1	2018	ARMY	48	48	0																								0	
1	2019	ARMY	48	48	0																								0	
1	2020	ARMY	49	49	0																								0	
1	2021	ARMY	50	50	0																								0	
1	2022	ARMY	24	24	0																								0	
1	2023	ARMY	38	36	2																								2	
1	2024	ARMY	42	42	0																								0	
1	2025	ARMY	31	27	4		2	1	1																				0	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20		P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman
		Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman

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	The Boeing Company - Mesa, AZ	48	98	144	0	11	13	24	0	6	12	18

Remarks:
 The Economical Production Rate of 82 aircraft per year is the maximum capacity at Full Rate Production. The maximum capacity is driven primarily by manpower constraints. The production line is tooled to meet a max capacity of 98 aircraft per year assuming a 1-8-5 shift, however this would require additional hired labor. In order to increase the 1-8-5 (single shift) production rate, additional tooling and manpower must be procured. Capacity can be expanded to 144 aircraft per year with additional investment.

"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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman
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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: 202

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>)	2,125.206	169.218	110.360	-	-	-	-	-	-	-	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,125.206	169.218	110.360	-	-	-	-	-	-	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	2,125.206	169.218	110.360	-	-	-	-	-	-	-	Continuing	Continuing

Description:

AH-64E Reman is a complete remanufacture using a new airframe and meets all the requirements for Army and Joint interoperability goals for the future and adds significant combat capability while addressing obsolescence issues, ensuring the aircraft remains a viable combat multiplier beyond its lifecycle. The Army's only heavy attack helicopter, the AH-64E is fully digital with the latest technologies, adding significant combat capability to the aircraft. The AH-64E Apache is implementing an incremental design and fielding strategy as noted in the approved Capability Production Document (CPD). AH-64E Capability Version 1 includes Improved Drive and Propulsion System, Composite Main Rotor Blades (CMRB), Unmanned Aircraft System (UAS) Level III-IV Control, Improved Communications Suite, Improved Electronics / Modular Open Systems Approach, and Radar Electronics Unit (REU). Capability Version 4 includes Link 16, Air to Air to Ground (AAG) Video Relay, System Level Embedded Diagnostics (SLED), and provisions for Reduced-Size Crashworthy External Fuel Systems (RCEFS). Capability Version 6 includes Fire Control Radar (FCR) enhancements, Maritime Targeting Mode, Expanded Link-16, Image Blending, Multi-Mode Laser (MML), and Interactive Electronic Technical Manual (IETM) Upgrade. Production Lots 1-4 are Version 1 capable, Production Lots 5-8 are Version 4 capable, and Version 6 is included into the remaining Production Lots beginning with Production Lot 9. Upgrades are integrated as incremental block modifications. Other associated Government Furnished Equipment (GFE) such as the, Modernized Radar Frequency Interferometer (M-RFI), Radar Electronics Unit (REU), and Manned/Unmanned Teaming Extended Capability (MUMT-X) will be procured and provided in accordance with the basis of issue plan. The program addresses operational shortfalls identified during real-world combat missions, meets Apache Capability Production Document (CPD) requirements for modernization, and provides necessary training, initial spares, and Peculiar Ground Support Equipment (PGSE). AH-64E aircraft entered the fleet in 2012.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman
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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: 202

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	A05111 / AH-64 Apache Block IIIA Reman			507 / 2,125.206	38 / 169.218	42 / 110.360	31 / -	- / -	31 / -
P-40	Total Gross/Weapon System Cost			507 / 2,125.206	38 / 169.218	42 / 110.360	31 / -	- / -	31 / -

*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:

FY 2024 is the final year of Advanced Procurement (AP) funding to support AH-64E Remanufacture production.

The Apache Reman Program assumes a cost sharing with the New Build Program in accordance with the New Build Army Program Baseline (APB).

The current AH-64E Apache Remanufacture and New Build Army Procurement Objective (APO) is 791 Aircraft. The total AH-64E (Remanufacture and New Build) Army Acquisition Objective (AAO) is 812 Aircraft.

The Apache Reman Program quantities and associated funding include Multi-year contracts from FY 2017-FY 2021 and FY 2022-FY 2025.

Currently the total lead time (time from when first materials must be committed to aircraft delivery) is in excess of 36 months. The Cost Assessment and Program Evaluation (CAPE) Independent Cost Estimate (ICE) utilized 18% to 22% for Advance Procurement (AP). Each year's AP can be divided into 2 segments: 1) Government Furnished Equipment (GFE) such as engines, sensors and avionics and 2) Contractor Furnished Equipment (CFE). Material includes production components to support deliveries, provisioning material, pre-modification effort, and any potential termination liability costs. Long lead items include, but not limited to, such items as the Main Rotor Drive Shaft, Composite Main Rotor Blade, Improved Drive System, and Composite Stabilator IAW Financial Management Regulation (FMR) 7000.14-R.

The Economical Production Rate of 82 aircraft per year is the maximum capacity at Full Rate Production. The maximum capacity is driven primarily by manpower constraints. The production line is tooled to meet a max capacity of 98 aircraft per year assuming a 1-8-5 shift, however this would require additional hired labor. In order to increase the 1-8-5 (single shift) production rate, additional tooling and manpower must be procured. Capacity can be expanded to 144 aircraft per year with additional investment.

"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-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2025 Army					Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20		P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman			P-5 Number / Title: A05111 / AH-64 Apache Block IIIA Reman	
First System (2025) Award Date: July 2009		First System (2025) Completion Date: November 2011			Interval Between Systems: 1 Months	
AH-64 Apache Block IIIA Reman		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	FY 2025 <i>(Each)</i>
Quantity			507	38	42	31
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	FY 2025 <i>(\$ M)</i>
Other						
CFE		6	1,644.985	169.218	110.360	-
GFE		6	480.221	-	-	-
<i>Total: Other</i>			<i>2,125.206</i>	<i>169.218</i>	<i>110.360</i>	<i>-</i>
Total Advance Procurement/Obligation Authority			2,125.206	169.218	110.360	-

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20		P-1 Line Item Number / Title: 5757A05111 / AH-64 Apache Block IIIA Reman				P-5 Number / Title: A05111 / AH-64 Apache Block IIIA Reman	
		FY 2025					
Cost Elements	QPA <i>(Each)</i>	Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ K)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	Total Cost Request <i>(\$ M)</i>
Other							
CFE	26						-
GFE	26						-
<i>Total: Other</i>							-
Total Advance Procurement/Obligation Authority							-

Description:
 Currently the total lead time (time from when first materials must be committed to aircraft delivery) is in excess of 36 months. The Cost Assessment and Program Evaluation (CAPE) Independent Cost Estimate (ICE) utilized 18% to 22% for Advance Procurement (AP) for single year contracts. Each year's AP can be divided into 2 segments: 1) Government Furnished Equipment (GFE) such as engines, sensors and avionics and 2) Contractor Furnished Equipment (CFE). Material includes production components to support deliveries, provisioning material, pre-modification effort, and any potential termination liability costs. Long lead items include the Main Rotor Drive Shaft, Composite Main Rotor Blade, Improved Drive System, and Composite Stabilator.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6771AA0005 / UH-60 Blackhawk M Model (MYP)

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>)	1,196	35	24	24	-	24	24	24	24	24	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	22,233.517	1,068.403	736.405	801.548	-	801.548	801.573	851.894	825.683	850.208	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	4,458.656	146.068	68.147	92.494	-	92.494	58.170	-	-	-	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	17,774.861	922.335	668.258	709.054	-	709.054	743.403	851.894	825.683	850.208	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	4,604.724	68.147	92.494	58.170	-	58.170	-	-	-	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	22,379.585	990.482	760.752	767.224	-	767.224	743.403	851.894	825.683	850.208	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	18,589.897	30,525.800	30,683.542	33,397.833	-	33,397.833	33,398.875	35,495.583	34,403.458	35,425.333	Continuing	Continuing

Description:

The Utility Helicopter (UH)-60M Black Hawk Helicopter serves as the Army's utility helicopter for the near and midterm force and is in line with the Army's Modernization Strategy, the National Military Strategy, and the National Defense Strategy. The UH-60M Black Hawk is a digital networked platform with greater range and lift to support maneuver Commanders through air assault, general support command and control, and aeromedical evacuation. Full rate production for this new build helicopter began in 2007. The current UH-60 Army Acquisition Objective (AAO) is 2,135 which will be obtained by procuring a combination 1375 UH-60M and 760 UH-60L to UH-60V conversion models. The UH-60M Black Hawk, with the integrated Medical Evacuation (MEDEVAC) Mission Equipment Package (MEP) kit, provides day/night and adverse weather emergency evacuation of casualties. The integration of the MEDEVAC MEP into the UH-60M changes the nomenclature to the HH-60M.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	-	-	9	-	9	18	24	24	24
	-	-	277.111	-	277.111	554.124	851.894	825.683	850.208
ANG	35	24	15	-	15	6	-	-	-
	990.482	760.752	490.113	-	490.113	189.279	-	-	-
Total:	35	24	24	-	24	24	24	24	24
Secondary Distribution	990.482	760.752	767.224	-	767.224	743.403	851.894	825.683	850.208

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6771AA0005 / UH-60 Blackhawk M Model (MYP)

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-5	A05002 / UH-60 BLACK HAWK (MYP)	P-5a, P-21			1,196 / 22,233.517	35 / 1,068.403	24 / 736.405	24 / 801.548	- / -	24 / 801.548
P-40	Total Gross/Weapon System Cost				1,196 / 22,233.517	35 / 1,068.403	24 / 736.405	24 / 801.548	- / -	24 / 801.548

*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 Base procurement dollars in the amount of \$767.224 million supports the procurement of 24 Aircraft (A/C) (9 UH-60M and 15 HH-60M) as part of the Multi-Year X (MYX) contract. This is an increase from the FY 2024 requested level to support Army requirements.

In accordance with section 1815 of the FY 2008 NDAA (Public Law (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-5, Cost Analysis: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)	Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)
--	--	--

ID Code (A=Service Ready, B=Not Service Ready) :	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>)	1,196	35	24	24	-	24
Gross/Weapon System Cost (<i>\$ in Millions</i>)	22,233.517	1,068.403	736.405	801.548	-	801.548
Less PY Advance Procurement (<i>\$ in Millions</i>)	4,458.656	146.068	68.147	92.494	-	92.494
Net Procurement (P-1) (<i>\$ in Millions</i>)	17,774.861	922.335	668.258	709.054	-	709.054
Plus CY Advance Procurement (<i>\$ in Millions</i>)	4,604.724	68.147	92.494	58.170	-	58.170
Total Obligation Authority (<i>\$ in Millions</i>)	22,379.585	990.482	760.752	767.224	-	767.224
<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 Thousands</i>)	18,589.897	30,525.800	30,683.542	33,397.833	-	33,397.833

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Airframes/CFE ^(†)	12,736.721	1,200	15,284.065	21,792.886	35	762.751	21,179.292	24	508.303	23,863.042	24	572.713	-	-	-	23,863.042	24	572.713
Engines/Accessories	733.218	2,400	1,759.723	1,272.871	70	89.101	1,159.167	48	55.640	1,009.792	48	48.470	-	-	-	1,009.792	48	48.470
Avionics (GFE)	-	-	818.466	-	-	32.073	-	-	16.104	-	-	16.102	-	-	-	-	-	16.102
Other GFE	-	-	445.273	-	-	15.572	-	-	9.439	-	-	9.228	-	-	-	-	-	9.228
Subtotal: Recurring Cost	-	-	18,307.527	-	-	899.497	-	-	589.486	-	-	646.513	-	-	-	-	-	646.513
Non Recurring Cost																		
ECO (All FLYAWAY Components)	-	-	627.829	-	-	29.042	-	-	20.869	-	-	23.674	-	-	-	-	-	23.674
Other Costs (Mission Equipment)	-	-	900.781	-	-	31.706	-	-	29.316	-	-	33.903	-	-	-	-	-	33.903
Tooling Equipment	-	-	107.389	-	-	0.562	-	-	-	-	-	-	-	-	-	-	-	-
Other Nonrecurring Cost	-	-	90.011	-	-	0.746	-	-	0.472	-	-	0.542	-	-	-	-	-	0.542
Subtotal: Non Recurring Cost	-	-	1,726.010	-	-	62.056	-	-	50.657	-	-	58.119	-	-	-	-	-	58.119
Subtotal: Flyaway Cost	-	-	20,033.537	-	-	961.553	-	-	640.143	-	-	704.632	-	-	-	-	-	704.632
Support - Data Cost																		
Technical Publications	-	-	50.914	-	-	4.464	-	-	4.115	-	-	4.728	-	-	-	-	-	4.728
Subtotal: Support - Data Cost	-	-	50.914	-	-	4.464	-	-	4.115	-	-	4.728	-	-	-	-	-	4.728
Support - Fielding Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20		P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)
		Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Fielding	-	-	992.630	-	-	55.679	-	-	53.165	-	-	54.996	-	-	-	-	-	54.996
<i>Subtotal: Support - Fielding Cost</i>	-	-	992.630	-	-	55.679	-	-	53.165	-	-	54.996	-	-	-	-	-	54.996
Support - Program Management Cost																		
Government Management	-	-	594.989	-	-	33.428	-	-	34.097	-	-	34.779	-	-	-	-	-	34.779
<i>Subtotal: Support - Program Management Cost</i>	-	-	594.989	-	-	33.428	-	-	34.097	-	-	34.779	-	-	-	-	-	34.779
Support - Training Cost																		
Equipment	-	-	561.447	-	-	13.279	-	-	4.886	-	-	2.413	-	-	-	-	-	2.413
<i>Subtotal: Support - Training Cost</i>	-	-	561.447	-	-	13.279	-	-	4.886	-	-	2.413	-	-	-	-	-	2.413
Gross/Weapon System Cost	18,589.897	1,196	22,233.517	30,525.800	35	1,068.403	30,683.542	24	736.405	33,397.833	24	801.548	-	-	-	33,397.833	24	801.548

Remarks:

FY 2023 Appropriations Conference Mark included 10 additional A/C, an increase of \$273 million to procure 10 UH-60M A/C for the Army National Guard (ARNG), increasing the total to 35 A/C for FY 2023.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	9	-	9
	Total Obligation Authority	-	-	277.111	-	277.111
ANG	Quantity	35	24	15	-	15
	Total Obligation Authority	990.482	760.752	490.113	-	490.113
Total: Secondary Distribution	Quantity	35	24	24	-	24
	Total Obligation Authority	990.482	760.752	767.224	-	767.224

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)	Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframes/CFE ^(†)		2022	Sikorsky Aircraft / Stratford CT	SS / FFP	AMCOM	Dec 2021	Jul 2022	31	20,616.226	Y		Aug 2018
Airframes/CFE ^(†)		2023	Sikorsky Aircraft / Stratford CT	SS / FFP	AMCOM	Dec 2022	Jul 2023	35	21,792.886	Y		Aug 2018
Airframes/CFE ^(†)		2024	Sikorsky Aircraft / Stratford CT	SS / FFP	AMCOM	Dec 2023	Jul 2024	24	21,179.292	Y		Aug 2018
Airframes/CFE ^(†)		2025	Sikorsky Aircraft / Stratford CT	SS / FFP	AMCOM	Dec 2024	Jul 2025	24	23,863.042	Y		Aug 2018

^(†) indicates the presence of a P-21

Remarks:

The award of Multi-Year Procurement (MYP) X was completed 26 June 2022 and includes the purchase of a minimum 120 UH/HH-60M Black Hawk aircraft beginning in FY 2022 through FY 2026 under a single, five year Firm Fixed Price (FFP) contract. This multiyear contract for the procurement of Army UH-60M/HH-60M Black Hawk aircraft is a follow-on to the previous MYP IX contract (FY 2017 through FY 2021) between the Army and Sikorsky Aircraft Corporation for UH-60M/HH-60M helicopters. The UH-60M/HH-60M aircraft that will be procured on the multiyear contract are essentially the same configuration as those being procured on the previous multiyear contract.

Delivery schedules appear to extend beyond the 12-month period for the following reasons:

Yearly procurements consist of UH-60M, HH-60M and supplemental aircraft. Each of the three are awarded on different contract line items. While each of these efforts deliver all of their aircraft within a 12 month span, they do not deliver within the same 12 month time period.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20 **P-1 Line Item Number / Title:** 6771AA0005 / UH-60 Blackhawk M Model (MYP) **Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2022													Fiscal Year 2023													BALANCE				
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022													Calendar Year 2023															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Airframes/CFE																																			
Prior Years Deliveries: 1169																																			
1		2022	ARMY	31	0	31		A	-	-	-	-	-	-	-	-	2	2	2	2	2	3	3	3	3	3	3	3	0						
1		2023	ARMY	35	0	35																A	-	-	-	-	-	-	3	3	3	3	3	3	26
1		2024	ARMY	24	0	24																											24		
1		2025	ARMY	24	0	24																											24		
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S				
								C	O	E	A	E	A	A	A	U	U	U	E	C	O	O	E	A	E	A	A	J	J	A	S				
								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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20 **P-1 Line Item Number / Title:** 6771AA0005 / UH-60 Blackhawk M Model (MYP) **Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2024												Fiscal Year 2025												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 2 3	BAL D U E A S O F 1 O C T	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
Airframes/CFE																															
Prior Years Deliveries: 1169																															
1		2022	ARMY	31	31	0																							0		
1		2023	ARMY	35	9	26	3	3	3	3	3	3	3	3	2														0		
1		2024	ARMY	24	0	24			A	-	-	-	-	-	-	3	3	3	3	3	3	2	2	2					0		
1		2025	ARMY	24	0	24														A	-	-	-	-	-	-	2	2	2	18	
							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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20 **P-1 Line Item Number / Title:** 6771AA0005 / UH-60 Blackhawk M Model (MYP) **Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

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			
Airframes/CFE																																	
Prior Years Deliveries: 1169																																	
	1	2022	ARMY	31	31	0																							0				
	1	2023	ARMY	35	35	0																							0				
	1	2024	ARMY	24	24	0																							0				
	1	2025	ARMY	24	6	18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)	Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)
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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	Sikorsky Aircraft - Stratford CT	18	96	120	8	3	6	9	0	3	6	9

Remarks:
Please refer to President's Budget 2022 Exhibit MYP-1, Multiyear Procurement Criteria, UH-60M/HH-60M Black Hawk Helicopter Multiyear X (ARMY) for minimum and maximum procurement quantities under the Multi-Year X Contract.

"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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)
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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: 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
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,604.724	68.147	92.494	58.170	-	58.170	-	-	-	-	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	4,604.724	68.147	92.494	58.170	-	58.170	-	-	-	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	4,604.724	68.147	92.494	58.170	-	58.170	-	-	-	-	Continuing	Continuing

Description:

The Advance Procurement (AP) for the UH-60M Black Hawk is separated into two main components: 1. Government Furnished Equipment (GFE) and 2. Contractor Furnished Equipment (CFE).

1. The AP GFE includes turbo-shaft engines, multi-function displays, Embedded Global Positioning System Inertial Navigation System (EGI), Heads Up Display (HUD) Aviation Night vision Imaging System (AN/AVS-7) communication and navigation avionics, radios, antennas, radio receiver transmitters, speech security equipment, UH-60M and MEDEVAC flyaway equipment. These GFE components are UH-60M direct procurement items. The AP GFE provided by PM Aviation Mission Systems and Architecture (AMSA) includes the AN/ARC-231 receiver/transmitter, Improved Data Modem (IDM), signal comparator, and Common Missile Warning System (CMWS). The AP Aircraft Survivability Equipment items procured by the Communications and Electronics Command (CECOM).

2. The CFE AP includes long lead production components to support deliveries, provisioning material, pre-modification effort, and any potential termination liability costs. Long lead items include, but not limited to, such items as the airframe and composite rotor blades.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6771AA0005 / UH-60 Blackhawk M Model (MYP)

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*	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	A05002 / UH-60 BLACK HAWK (MYP)			1,196 / 4,604.724	35 / 68.147	24 / 92.494	24 / 58.170	- / -	24 / 58.170
P-40	Total Gross/Weapon System Cost			1,196 / 4,604.724	35 / 68.147	24 / 92.494	24 / 58.170	- / -	24 / 58.170

*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:
 FY 2023 Appropriations Conference Mark included 10 additional A/C, an increase of \$273 million to procure 10 UH-60M A/C for the Army National Guard (ARNG), increasing the total to 35 A/C for FY 2023.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)	P-5 Number / Title: A05002 / UH-60 BLACK HAWK (MYP)
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First System (2025) Award Date: May 2005	First System (2025) Completion Date: June 2006	Interval Between Systems: 18 Months
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UH-60 BLACK HAWK (MYP)	Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	FY 2025 <i>(Each)</i>
Quantity		1,196	35	24	24

Cost Elements	When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	FY 2025 <i>(\$ M)</i>
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Other					
Prior Year	-	2,531.426	-	-	-
Airframe - Contractor Furnished Equipment (CFE)	6	971.551	22.061	31.564	19.167
Auxiliary Power Unit (APU)	3	49.990	-	-	-
Engines	3	815.730	34.608	47.622	30.484
Embedded GPS Inertial (EGI)	3	128.003	5.378	7.400	4.737
Heads Up Display (HUD) AVS-7	3	39.625	1.009	1.388	0.889
Avionics - Communication / Navigation	3	64.396	1.806	-	-
Blade Fold Kits	3	1.774	1.456	2.003	1.282
Seat Pallets	3	0.167	0.137	0.189	0.120
Multi-Function Operator Seat (MFOS)	3	0.652	0.535	0.736	0.471
Signal Data Converter (SDC)	3	1.410	1.157	1.592	1.020
<i>Total: Other</i>		4,604.724	68.147	92.494	58.170
Total Advance Procurement/Obligation Authority		4,604.724	68.147	92.494	58.170

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6771AA0005 / UH-60 Blackhawk M Model (MYP)	P-5 Number / Title: A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements	QPA (Each)	FY 2025					Total Cost Request (\$ M)
		Production Leadtime (Months)	Unit Cost (\$ K)	Contract Forecast Date	2025 Qty (Each)	For FY	
Other							
Prior Year	-						-
Airframe - Contractor Furnished Equipment (CFE)	1						19.167
Auxiliary Power Unit (APU)	1						-
Engines	2						30.484
Embedded GPS Inertial (EGI)	2						4.737
Heads Up Display (HUD) AVS-7	2						0.889
Avionics - Communication / Navigation	1						-
Blade Fold Kits	2						1.282
Seat Pallets	1						0.120
Multi-Function Operator Seat (MFOS)	2						0.471
Signal Data Converter (SDC)	1						1.020
<i>Total: Other</i>							58.170
Total Advance Procurement/Obligation Authority							58.170

Description:
The Advance procurement estimate was revised in support of the Multi-Year X contract award. The result was the addition of blade fold kits, seat pallets, avionics, multi-function operator seats and the signal data converter. Additionally, the Auxiliary Power Unit will transition from Government Furnished Equipment to Contractor Furnished Equipment for the MY X time frame and the long lead requirement will be included in the airframe advance procurement requirement.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6773A05009 / UH-60 Black Hawk L and V Models

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0607136A

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>)	1,203	21	26	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10,936.243	178.658	153.196	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	10,936.243	178.658	153.196	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10,936.243	178.658	153.196	-	-	-	-	-	-	-	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	9,090.809	8,507.524	5,892.154	-	-	-	-	-	-	-	Continuing	Continuing

Description:

UH-60 A and L Models include UH-60 A to L conversions in FY16 through FY18 and UH-60L Digital, now designated as UH-60V. Production for UH-60V began in FY18. The UH-60 BLACKHAWK helicopter is the Army's utility helicopter for the near and midterm force. It is a twin engine, single rotor, four bladed utility helicopter used for air assault, general support, command & control, and aero-medical evacuations (MEDEVAC). The UH-60 is joint force capable, providing 24 hour/day support including operations at night and in adverse weather conditions. The UH-60 is designed to carry a crew of four plus eleven combat equipped troops or an external load up to 9,000 pounds. The UH-60 BLACK HAWK was fielded in 1978 as a replacement for the UH-1. From 1978 to 1988, UH-60As were produced. In 1989 production of UH-60Ls with improved engines and drive train began. In 2007, full rate production of UH-60Ms began which provided a digital cockpit, digital Flight Management System (FMS), improved engine, and wide-cord main rotor blades. The UH-60V provides an integrated digital map, integrated performance planning, common functionality and commonality of training with UH-60M.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG									
Quantity	21	26	-	-	-	-	-	-	-
Total Obligation Authority	178.658	153.196	-	-	-	-	-	-	-
Total:									
Secondary Distribution									
Quantity	21	26	-	-	-	-	-	-	-
Total Obligation Authority	178.658	153.196	-	-	-	-	-	-	-

Justification:

Based upon the PB25 funding position, there are (0) funds for the UH-60 L to V conversions in years FY2025 through FY2029, and (0) UH-60V kit quantities starting in FY 2025.

The current H-60 Black Hawk Army Acquisition Objective (AAO) is 2,135 which is obtained by procuring a combination of 1,375 new 60M and 760 Recapitalized (A/L/V) aircraft.

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6775A05101 / CH-47 Helicopter

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0607137A

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>)	191	9	6	10	-	10	10	9	9	9	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	5,557.047	387.708	221.236	718.634	-	718.634	690.613	559.420	544.381	535.033	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	718.809	18.559	18.749	18.936	-	18.936	-	-	-	-	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	4,838.238	369.149	202.487	699.698	-	699.698	690.613	559.420	544.381	535.033	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	737.368	18.749	18.936	-	-	-	-	-	-	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	5,575.606	387.898	221.423	699.698	-	699.698	690.613	559.420	544.381	535.033	Continuing	Continuing
<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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	29,094.487	43,078.667	36,872.667	71,863.400	-	71,863.400	69,061.300	62,157.778	60,486.778	59,448.111	Continuing	Continuing

Description:

The CH-47F Chinook, the Army's only heavy lift helicopter, is an essential component of the Army of 2030. The CH-47F Block I twin-turbine, tandem-rotor, heavy lift transport helicopter, helicopter with a useful load of up to 25,000 pounds, is a critical component of the Army's Aviation Campaign Objective of Modernizing, Equipping, and Sustaining the Army Aviation Portfolio to successfully conduct Multi-Domain Operations (MDO) as part of an integrated joint force. The Chinook fleet has multiple missions: transporting troops (air assault); supply and resupply weapons and equipment; and performing other cargo operations. The Chinook operates in support roles throughout the theater in combat, combat support, and combat service support. Secondary missions include aircraft recovery, parachute drops, disaster relief, and search and rescue. The CH-47F is vital to our nation's Overseas Contingency Operations and Homeland Security needs. These aircraft are fielded to heavy lift companies within Combat Aviation Brigades and Special Operations Aviation units. The Army currently expects the CH-47F and MH-47G aircraft to remain the Army's heavy lift helicopter for the next several decades.

The CH-47F Block I Digital Cockpit Support & Sustainment (DCSS) funding maintains software and hardware maintenance and support of both the aircraft and Training Aids, Devices, Simulators, and Simulations (TADSS). The funding maintains software and hardware support driven by hardware electronics obsolescence, integration of communication, common navigation, survivability equipment, cybersecurity changes, and other factors. The DCSS funding focuses on four critical capabilities to the fielded CH-47F Block I fleet across all COMPOs: Position, Navigation and Timing (PNT), modern cryptographic communications, obsolescence management and TADSS obsolescence/concurrency. The funding ensures the safety and relevancy of the crew and mission in a large-scale combat operational environment. It maintains operational readiness (OR) rates of the CH-47F Block I aircraft.

The CH-47F Block II program is inserting critical and affordable technologies into the Chinook fleet to maintain platform operational capabilities, while continuing to meet the Warfighter requirements. Key improvements to the aircraft's safety and reliability include refinements to the rotor, fuel and electrical systems and a strengthened airframe providing commonality with the MH-47G. The Chinook Block II program updates the Common Avionics Architecture System (CAAS) and Digital Advanced Flight Control System (DACFS) software packages of the aircraft and incorporates other avionics changes introduced into the final CH-47F production lots. The program includes provisions for anticipated future upgrades, weight savings and cost savings that provide significantly increased capability to the field. These initiatives ensure the Army has a platform with the flexibility and performance needed to meet the needs of Army 2030 Operations. The 11 September 2015 Program Delegation Acquisition Decision Memorandum (ADM) designated the CH-47F Block II as an Acquisition Category (ACAT) 1C program with the Milestone Decision Authority (MDA) delegated to the Secretary of the Army.

CH-47 Block II ReNew and New Build programs rebuild or replace 69 MH-47G Block I Special Operations Aircraft and 465 CH-47F Block I aircraft to the Block II configuration.

PM Cargo procurement funding lines provided are for the Army common component portion for the MH-47G. CH-47F Block II Product Office, in conjunction with Technology Applications Program Office (TAPO), is replacing the aging fleet of MH-47G aircraft that has airframe components dating back more than 45 years. The MH-47G program, while complementary to the CH-47F Block II program, is separately managed by the TAPO ARSOAC program with a stand-alone Acquisition Strategy. The current Army Acquisition Objective (AAO) is 535 aircraft.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army							Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary					P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter				
ID Code (A=Service Ready, B=Not Service Ready):			Program Elements for Code B Items: N/A			Other Related Program Elements: 0607137A			
Line Item MDAP/MAIS Code: N/A									

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	9	6	10	-	10	10	9	9	9
	Total Obligation Authority	387.898	221.423	699.698	-	699.698	690.613	559.420	544.381	535.033
Total:	Quantity	9	6	10	-	10	10	9	9	9
Secondary Distribution	Total Obligation Authority	387.898	221.423	699.698	-	699.698	690.613	559.420	544.381	535.033

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6775A05101 / CH-47 Helicopter

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0607137A

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	A05105 / CH-47 SLEP	P-5a, P-21			191 / 5,557.047	9 / 387.708	6 / 221.236	10 / 718.634	- / -	10 / 718.634
P-40	Total Gross/Weapon System Cost				191 / 5,557.047	9 / 387.708	6 / 221.236	10 / 718.634	- / -	10 / 718.634

*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 Base procurement dollars in the amount of \$699.698 million supports the Army H-47 program to include the Army common material for MH-47G, Renew CH-47F Block II, and CH-47F Block I fleet Digital Cockpit Support & Sustainment (DCSS).

 FY 2025 Base procurement dollars in the amount of \$176.166 million support the Army common material for four (4) MH-47G and \$19.163 million FY 2026 Advanced Procurement.
 FY 2025 Base procurement dollars in the amount of \$465.231 million support for six (6) Renew CH-47F Block II.
 FY 2025 Base procurement dollars in the amount of \$39.138 million support the CH-47F Block I fleet Digital Cockpit Support & Sustainment.

 In accordance with section 1815 of the FY08 National Defense Authorization Act (P.L.110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses and providing military support to civil authorities.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05105 / CH-47 SLEP
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ID Code (A=Service Ready, B=Not Service Ready) : **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)	191	9	6	10	-	10
Gross/Weapon System Cost (\$ in Millions)	5,557.047	387.708	221.236	718.634	-	718.634
Less PY Advance Procurement (\$ in Millions)	718.809	18.559	18.749	18.936	-	18.936
Net Procurement (P-1) (\$ in Millions)	4,838.238	369.149	202.487	699.698	-	699.698
Plus CY Advance Procurement (\$ in Millions)	737.368	18.749	18.936	-	-	-
Total Obligation Authority (\$ in Millions)	5,575.606	387.898	221.423	699.698	-	699.698

(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 Thousands)	29,094.487	43,078.667	36,872.667	71,863.400	-	71,863.400

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
MH-47G Block I to Block II Army Common Funding ^(†)	21,959.677	31	680.750	42,147.500	4 ⁽¹⁾	168.590	28,665.000	6	171.990	48,832.250	4	195.329	-	-	-	48,832.250	4	195.329
MH-47G Block II Army Common Funding Advanced Procurement	-	-	-	-	-	-	-	-	-	-	-	18.936	-	-	-	-	-	18.936
MH-47G Block II Retrofits	-	-	15.665	-	-	12.392	-	-	20.614	-	-	-	-	-	-	-	-	-
CH-47 Block II CFE	-	-	-	-	-	-	-	-	-	52,500.000	6	315.000	-	-	-	52,500.000	6	315.000
CH-47 Block II GFE	-	-	-	-	-	-	-	-	-	2,743.583	12	32.923	-	-	-	2,743.583	12	32.923
CH-47 Block II Initial Spares	-	-	-	-	-	-	-	-	-	-	-	26.400	-	-	-	-	-	26.400
CH-47 Block II Other Costs	-	-	-	-	-	-	-	-	-	-	-	38.749	-	-	-	-	-	38.749
Block II Software Support	-	-	-	-	-	-	-	-	-	-	-	10.900	-	-	-	-	-	10.900
CH-47D to CH-47F Conversion	28,909.695	154	4,452.093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>5,148.508</i>	<i>-</i>	<i>-</i>	<i>180.982</i>	<i>-</i>	<i>-</i>	<i>192.604</i>	<i>-</i>	<i>-</i>	<i>638.237</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>638.237</i>
Non Recurring Cost																		
CH-47 Block II Support Equipment	-	-	-	-	-	-	-	-	-	-	-	4.050	-	-	-	-	-	4.050

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05105 / CH-47 SLEP
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CH-47 Block II NRE	-	-	-	-	-	-	-	-	-	-	-	18.600	-	-	-	-	-	18.600
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	22.650	-	-	-	-	-	22.650
<i>Subtotal: Flyaway Cost</i>	-	-	5,148.508	-	-	180.982	-	-	192.604	-	-	660.887	-	-	-	-	-	660.887
Hardware Cost																		
Non Recurring Cost																		
CH-47 Block II ^(†)	45,044.667	6	270.268	54,393.333	3	163.180	-	-	-	-	-	-	-	-	-	-	-	-
CH-47 Avionics (Advanced Procurement)	-	-	34.400	-	-	9.000	-	-	-	-	-	-	-	-	-	-	-	-
CH-47 Airframe (Advanced Procurement)	-	-	51.600	-	-	13.500	-	-	-	-	-	-	-	-	-	-	-	-
CH47F Block II Logistics	-	-	32.630	-	-	11.820	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	388.898	-	-	197.500	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	388.898	-	-	197.500	-	-	-	-	-	-	-	-	-	-	-	-
Software Cost																		
Non Recurring Cost																		
CH-47F Digital Block I Cockpit Support & Sustainment	-	-	-	-	-	6.726	-	-	28.632	-	-	39.138	-	-	-	-	-	39.138
CH-47F Block II Cockpit Software Support	-	-	19.641	-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	19.641	-	-	9.226	-	-	28.632	-	-	39.138	-	-	-	-	-	39.138
<i>Subtotal: Software Cost</i>	-	-	19.641	-	-	9.226	-	-	28.632	-	-	39.138	-	-	-	-	-	39.138
Support - Program Management Cost																		
Contractor Management	-	-	-	-	-	-	-	-	-	-	-	18.609	-	-	-	-	-	18.609
<i>Subtotal: Support - Program Management Cost</i>	-	-	-	-	-	-	-	-	-	-	-	18.609	-	-	-	-	-	18.609
Gross/Weapon System Cost	29,094.487	191	5,557.047	43,078.667	9	387.708	36,872.667	6	221.236	71,863.400	10	718.634	-	-	-	71,863.400	10	718.634

Remarks:
The production line for Chinook combines three separate products: CH-47F Block II production (Congressional add funding), MH-47G Block II (common production funding including retrofits and advance procurement), and CH-47F Block I Digital Cockpit Support & Sustainment (base procurement). The Gross Weapon System Cost cannot be calculated by dividing quantities by the total of these lines.

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05105 / CH-47 SLEP

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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The CH-47F Block I Digital Cockpit Support & Sustainment (DCSS) funds support software and hardware maintenance and support of both the aircraft and Training Aids, Devices, Simulators, and Simulations (TADSS) driven by hardware electronics obsolescence, integration of communication, common navigation, and survivability equipment, cybersecurity changes, and other factors. The DCSS funding focuses on four critical capabilities to the fielded CH-47F Block I fleet across all COMPOs: Position, Navigation and Timing (PNT), modern cryptographic communications, obsolescence management, and TADSS obsolescence/concurrency. The funding ensures the safety and relevancy of the crew and mission in a large-scale combat operational environment. It maintains operational readiness (OR) rates of the CH-47F Block I aircraft. Currently, funding for CH-47F support and sustainment of the digital cockpit is programmed across two funding lines, the A05105 CH-47 SLEP and AA0252000 CH-47 Cargo Helicopter Mods. The combined funding supports enduring Obsolescence and Software Engineering tasks defined and approved during the Operations and Sustainment Review in FY 2021 in expectation of a Block II program decision. The first year of funding is in FY 2023, with a ramp up on A05105 line to minimally support and sustain the CH-47F digital cockpit.

FY 2023 Non-Recurring Cost: Funding to support retrofit of some previously delivered MH-47G Block II aircraft with fully Block II Common Components is included in FY 2023 in the amount of \$12.392M, this additional procurement activity increases the Gross Weapon System Cost top line and Unit Cost in FY 2023. This funding is identified under cost element titled MH-47G Block II Retrofits.

FY 2023-2026: Procurement quantities reduced from 6 per year to 4 per year and 3 per year FY 2027-2029; this reduction is due to increased production costs resulting from post-COVID production impacts, ongoing global supply chain uncertainties, and recent increases in Contractor labor rates.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	9	6	10	-	10
	Total Obligation Authority	387.898	221.423	699.698	-	699.698
Total: Secondary Distribution	Quantity	9	6	10	-	10
	Total Obligation Authority	387.898	221.423	699.698	-	699.698

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

Footnotes:

(1) FY 2023 Procurement quantities reduced from 6 to 4 due to increased production costs resulting from post-COVID production impacts, ongoing global supply chain uncertainties, and recent increases in Contractor labor rates.

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20			P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter					Item Number / Title [DODIC]: A05105 / CH-47 SLEP				
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 (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
MH-47G Block I to Block II Army Common Funding ^(†)		2018	Boeing / Philadelphia PA	SS / CPFF	Fort Eustis	Jul 2018	Aug 2020	4	18,000.000	Y		Nov 2016
MH-47G Block I to Block II Army Common Funding ^(†)		2019	Boeing / Philadelphia PA	SS / CPFF	Fort Eustis	Jun 2019	Aug 2021	7	18,594.286	Y		Nov 2016
MH-47G Block I to Block II Army Common Funding ^(†)		2020	Boeing / Philadelphia PA	SS / FFP	Fort Eustis	Jun 2020	Aug 2022	8	18,966.125	Y		Nov 2016
MH-47G Block I to Block II Army Common Funding ^(†)		2021	Boeing / Philadelphia PA	SS / CPFF	Fort Eustis	Nov 2021	Aug 2023	6	27,211.833	Y		Nov 2016
CH-47 Block II		2021	Boeing / Philadelphia PA	SS / FPIF	Redstone Arsenal AL	Sep 2021	Mar 2024	4	45,409.750	Y		Mar 2021
CH-47 Block II		2022	Boeing / Philadelphia PA	SS / FPIF	Redstone Arsenal AL	Sep 2022	Mar 2025	2	44,314.500	Y		

^(†) indicates the presence of a P-21

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20 **P-1 Line Item Number / Title:** 6775A05101 / CH-47 Helicopter **Item Number / Title [DODIC]:** A05105 / CH-47 SLEP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018												Fiscal Year 2019												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018												Calendar Year 2019												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
MH-47G Block I to Block II Army Common Funding																															
Prior Years Deliveries: 6																															
1		2018	ARMY	4	0	4												A	-	-	-	-	-	-	-	-	-	-	-	4	
1		2019	ARMY	7	0	7																					A	-	-	-	7
1		2020	ARMY	8	0	8																									8
1		2021	ARMY	6	0	6																									6

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20 **P-1 Line Item Number / Title:** 6775A05101 / CH-47 Helicopter **Item Number / Title [DODIC]:** A05105 / CH-47 SLEP

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020												Calendar Year 2021												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
MH-47G Block I to Block II Army Common Funding																															
Prior Years Deliveries: 6																															
1		2018	ARMY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
1		2019	ARMY	7	0	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	0	
1		2020	ARMY	8	0	8									A	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
1		2021	ARMY	6	0	6																							6		
							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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05105 / CH-47 SLEP
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022														Fiscal Year 2023														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022														Calendar Year 2023														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
MH-47G Block I to Block II Army Common Funding																																			
Prior Years Deliveries: 6																																			
1		2018	ARMY	4	4	0																													0
1		2019	ARMY	7	7	0																													0
1		2020	ARMY	8	0	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
1		2021	ARMY	6	0	6		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	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 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05105 / CH-47 SLEP
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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	Boeing - Philadelphia PA	18	18	72	11	10	25	35	0	0	0	0

Remarks:

All PM Cargo procurement funding and production schedules currently support the Army common portion of funding to rebuild or replace 69 MH-47G Block I Special Operations Aircraft.

CH-47F Block II Product Office, in conjunction with Technology Applications Program Office (TAPO), is replacing the aging fleet of MH-47G aircraft that has airframe components dating back more than 45 years. The MH-47G program, while complementary to the CH-47F Block II program, is a separately managed Technology Applications Program Office (TAPO) ARSOAC program with a stand-alone Acquisition Strategy.

"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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter
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Program Elements for Code B Items: N/A	Other Related Program Elements: 0607137A
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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
Gross/Weapon System Cost (<i>\$ in Millions</i>)	737.368	18.749	18.936	-	-	-	-	-	-	-	Continuing	Continuing
Net Procurement (P-1) (<i>\$ in Millions</i>)	737.368	18.749	18.936	-	-	-	-	-	-	-	Continuing	Continuing
Total Obligation Authority (<i>\$ in Millions</i>)	737.368	18.749	18.936	-	-	-	-	-	-	-	Continuing	Continuing

Description:

The CH-47F Chinook, the Army's only heavy lift helicopter, is an essential component of the Army of 2030. The CH-47F Block I twin-turbine, tandem-rotor, heavy lift transport helicopter, helicopter with a useful load of up to 25,000 pounds, is a critical component of the Army's Aviation Campaign Objective of Modernizing, Equipping, and Sustaining the Army Aviation Portfolio to successfully conduct Multi-Domain Operations (MDO) as part of an integrated joint force. The Chinook fleet has multiple missions: transporting troops (air assault); supply and resupply weapons and equipment; and performing other cargo operations. The Chinook operates in support roles throughout the theater in combat, combat support, and combat service support. Secondary missions include aircraft recovery, parachute drops, disaster relief, and search and rescue. The CH-47F is vital to our nation's Overseas Contingency Operations and Homeland Security needs. These aircraft are fielded to heavy lift companies within Combat Aviation Brigades and Special Operations Aviation units. The Army currently expects the CH-47F and MH-47G aircraft to remain the Army's heavy lift helicopter for the next several decades.

The CH-47F Block I Digital Cockpit Support & Sustainment (DCSS) funding maintains software and hardware maintenance and support of both the aircraft and Training Aids, Devices, Simulators, and Simulations (TADSS). The funding maintains software and hardware support driven by hardware electronics obsolescence, integration of communication, common navigation, survivability equipment, cybersecurity changes, and other factors. The DCSS funding focuses on four critical capabilities to the fielded CH-47F Block I fleet across all COMPOs: Position, Navigation and Timing (PNT), modern cryptographic communications, obsolescence management and TADSS obsolescence/concurrency. The funding ensures the safety and relevancy of the crew and mission in a large-scale combat operational environment. It maintains operational readiness (OR) rates of the CH-47F Block I aircraft.

The CH-47F Block II program is inserting critical and affordable technologies into the Chinook fleet to maintain platform operational capabilities, while continuing to meet the Warfighter requirements. Key improvements to the aircraft's safety and reliability include refinements to the rotor, fuel and electrical systems and a strengthened airframe providing commonality with the MH-47G. The Chinook Block II program updates the Common Avionics Architecture System (CAAS) and Digital Advanced Flight Control System (DACFS) software packages of the aircraft and incorporates other avionics changes introduced into the final CH-47F production lots. The program includes provisions for anticipated future upgrades, weight savings and cost savings that provide significantly increased capability to the field. These initiatives ensure the Army has a platform with the flexibility and performance needed to meet the needs of Army 2030 Operations. The 11 September 2015 Program Delegation Acquisition Decision Memorandum (ADM) designated the CH-47F Block II as an Acquisition Category (ACAT) 1C program with the Milestone Decision Authority (MDA) delegated to the Secretary of the Army.

CH-47 Block II ReNew and New Build programs rebuild or replace 69 MH-47G Block I Special Operations Aircraft and 465 CH-47F Block I aircraft to the Block II configuration.

PM Cargo procurement funding lines provide the Army common component portion for the MH-47G. CH-47F Block II Product Office, in conjunction with Technology Applications Program Office (TAPO), is replacing the aging fleet of MH-47G aircraft that has airframe components dating back more than 45 years. The MH-47G program, while complementary to the CH-47F Block II program, is separately managed by the TAPO ARSOAC program with a stand-alone Acquisition Strategy. The current Army Acquisition Objective (AAO) is 535 aircraft.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 6775A05101 / CH-47 Helicopter

Program Elements for Code B Items: N/A **Other Related Program Elements:** 0607137A

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*	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	A05105 / CH-47 SLEP			191 / 737.368	9 / 18.749	6 / 18.936	10 / -	- / -	10 / -
P-40	Total Gross/Weapon System Cost			191 / 737.368	9 / 18.749	6 / 18.936	10 / -	- / -	10 / -

*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:
 FY 2025 the Army did not budget any advance procurement funding for CH-47.

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	P-5 Number / Title: A05105 / CH-47 SLEP
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First System (2025) Award Date: December 2003	First System (2025) Completion Date: December 2006	Interval Between Systems: 2 Months
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CH-47 SLEP	Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2023 <i>(Each)</i>	FY 2024 <i>(Each)</i>	FY 2025 <i>(Each)</i>
Quantity		191	9	6	10

Cost Elements	When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2023 <i>(\$ M)</i>	FY 2024 <i>(\$ M)</i>	FY 2025 <i>(\$ M)</i>
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CFE					
MH-47 Avionics	16	307.433	7.500	7.574	-
MH-47 Airframe	14	401.935	11.249	11.362	-
CH-47 Avionics	-	11.200	-	-	-
CH-47 Airframe	-	16.800	-	-	-
<i>Total: CFE</i>		737.368	18.749	18.936	-
Total Advance Procurement/Obligation Authority		737.368	18.749	18.936	-

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: 6775A05101 / CH-47 Helicopter	P-5 Number / Title: A05105 / CH-47 SLEP
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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>(\$ K)</i>	Contract Forecast Date	2025 Qty <i>(Each)</i>	For FY	
CFE							
MH-47 Avionics	1						-
MH-47 Airframe	1						-
CH-47 Avionics	-						-
CH-47 Airframe	-						-
<i>Total: CFE</i>							-
Total Advance Procurement/Obligation Authority							-

Description:
N/A

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary **P-1 Line Item Number / Title:** 9990A19900 / Spectrum Army SUAS

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>)	460.688	3.873	-	-	-	-	-	-	-	-	-	464.561
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	460.688	3.873	-	-	-	-	-	-	-	-	-	464.561
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	460.688	3.873	-	-	-	-	-	-	-	-	-	464.561

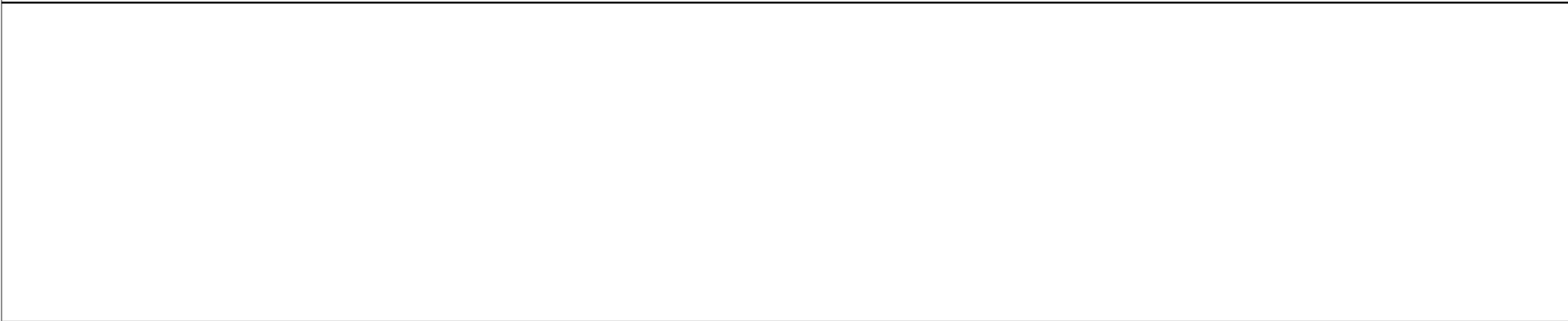
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

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

Description:

Spectrum funding is not included the AVN PB request, it is requested by the Spectrum office.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.873	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.873	-	-	-	-	-	-	-	-



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

Appropriation / Budget Activity / Budget Sub Activity: 0031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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	4	4	4	-	16
Gross/Weapon System Cost (<i>\$ in Millions</i>)	248.628	72.700	13.650	14.086	-	14.086	33.074	33.475	34.885	35.270	-	485.768
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	248.628	72.700	13.650	14.086	-	14.086	33.074	33.475	34.885	35.270	-	485.768
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	248.628	72.700	13.650	14.086	-	14.086	33.074	33.475	34.885	35.270	-	485.768

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	8,268.500	8,368.750	8,721.250	8,817.500	-	30,360.500

Description:

The MQ-1 Payload (MIP) (A01001) budget line supports the Army's transformation by procuring Reconnaissance, Surveillance and Target Acquisition (RSTA) and Intelligence, Surveillance and Reconnaissance (ISR) payload systems for Brigade Combat Teams, Divisions, and Corps Unmanned Aircraft Systems (UAS). Funding in this budget line supports a Sensor Centric approach for sensors onboard any UAS platform and provides the principal payloads for the Gray Eagle MQ-1C UAS; specifically, the Common Sensor Payload (CSP) and AE-4500 sensor. Funding in this budget line also supports, but is not limited to, emerging UAS sensor requirements such as Communications Intelligence (COMINT), Signals Intelligence (SIGINT), Hyper Spectral Imagery (HSI), and Synthetic Aperture Radar (SAR).

Common Sensor Payload (CSP) Electro Optical / Infrared / Laser Designator (EO/IR/LD) provides High Definition (HD) Target Location Accuracy (TLA) Full Motion Video (FMV) in both the Electro Optical and Mid Wave IR spectrums with day/night capability to collect and display continuous imagery and the ability to designate targets of interest for attack by laser guided precision weapons. It is the EO/IR/LD sensor for the Gray Eagle UAS which supports force applications, battlespace awareness, force protection, and net-centric operations across the battlefield to provide wide area, near real time RSTA capabilities. Current product improvements continue to focus on the development and implementation of technologies that directly supporting emerging requirements of the Army's Current and Future Force. The Army Acquisition Objective (AAO) for CSP is based on aircraft/ platform quantities; specifically, one CSP per Gray Eagle UAS plus spares.

AE-4500 supports ELINT and Electronic Support Measures (ESM) capabilities which provide high precision direction finding and geolocation with 360-degree instantaneous field of view coverage from the nose, tail, port, and starboard sides of the UAS.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	4	4	4	4
	Total Obligation Authority	72.700	13.650	14.086	-	14.086	33.074	33.475	34.885	35.270
Total: Secondary Distribution	Quantity	-	-	-	-	-	4	4	4	4
	Total Obligation Authority	72.700	13.650	14.086	-	14.086	33.074	33.475	34.885	35.270

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft **P-1 Line Item Number / Title:** 0023A01001 / MQ-1 PAYLOAD

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-5	A01005 / CSP FMV	P-5a, P-21			- / 248.628	- / 72.700	- / 13.650	- / 14.086	- / -	- / 14.086
P-40	Total Gross/Weapon System Cost				- / 248.628	- / 72.700	- / 13.650	- / 14.086	- / -	- / 14.086

*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 Base Procurement dollars in the amount of \$14.086 million support the production of payloads, replacement of attrited payloads, retrofits and spare parts to support combat operations. This is an increase from the FY 2024 requested level to support Army requirements.

All Quantities are for the Active component.

Overseas Operations Costs funds this requirement in the amount of \$14.086 million for the FY 2025 Budget Estimate. Overseas Operations Costs are those financed with former Overseas Contingency Operations funding.

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 the homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD	Item Number / Title [DODIC]: A01005 / CSP FMV
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ID Code (A=Service Ready, B=Not Service Ready) : **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)	248.628	72.700	13.650	14.086	-	14.086
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	248.628	72.700	13.650	14.086	-	14.086
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	248.628	72.700	13.650	14.086	-	14.086

(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 Thousands)	-	-	-	-	-	-

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
CSP HD Procurement	1,615.054	56	90.443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP HD Initial Spares	1,204.000	3	3.612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP Diode Pump Laser	165.000	57	9.405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP SD to HD Platform Retrofit/Upgrades	479.165	188	90.083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP DMV-184 Processor Cards	21.000	135	2.835	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP Diode Pump Laser Integration	-	-	2.490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP PMO Support	-	-	10.919	-	-	4.938	-	-	1.168	-	-	1.011	-	-	-	-	-	1.011
CSP Interim Contractor Support (SD)	-	-	11.295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP Interim Contractor Support (HD)	-	-	9.760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP Initial Fielding Support	-	-	17.786	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSP-Target Location Accuracy (TLA) Production ^(†)	-	-	-	3,111.375	16	49.782	3,925.667	3	11.777	4,000.000	3	12.000	-	-	-	4,000.000	3	12.000
CSP TLA Spare Parts	-	-	-	-	-	2.980	-	-	0.705	-	-	1.075	-	-	-	-	-	1.075

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10						P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD						Item Number / Title [DODIC]: A01005 / CSP FMV					
ID Code (A=Service Ready, B=Not Service Ready) :												MDAP/MAIS Code:					

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
ELINT Procurement	-	-	-	-	-	15.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	248.628	-	-	72.700	-	-	13.650	-	-	14.086	-	-	-	-	-	14.086
<i>Subtotal: Flyaway Cost</i>	-	-	248.628	-	-	72.700	-	-	13.650	-	-	14.086	-	-	-	-	-	14.086
Gross/Weapon System Cost	-	-	248.628	-	-	72.700	-	-	13.650	-	-	14.086	-	-	-	-	-	14.086

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	72.700	13.650	14.086	-	14.086
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	72.700	13.650	14.086	-	14.086

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD	Item Number / Title [DODIC]: A01005 / CSP FMV
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
CSP-Target Location Accuracy (TLA) Production ^(†)		2023	Raytheon / McKinney	SS / FFP	ACC, APG	Jun 2023	Jun 2025	16	3,111.375	N		
CSP-Target Location Accuracy (TLA) Production ^(†)		2024	Raytheon / McKinney	SS / FFP	ACC, APG	Aug 2024	Feb 2026	3	3,925.660	N		
CSP-Target Location Accuracy (TLA) Production ^(†)		2025	Raytheon / McKinney	SS / FFP	ACC, APG	Aug 2025	Feb 2027	3	4,000.000	N		

^(†) indicates the presence of a P-21

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD	Item Number / Title [DODIC]: A01005 / CSP FMV
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025														Calendar Year 2026														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
CSP-Target Location Accuracy (TLA) Production																																			
1		2023	ARMY	16	0	16	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2							0			
1		2024	ARMY	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1				0			
1		2025	ARMY	3	0	3											A	-	-	-	-	-	-	-	-	-	-	-	-	-	3				
							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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD	Item Number / Title [DODIC]: A01005 / CSP FMV
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027												Fiscal Year 2028												BALANCE	
O C C #	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
CSP-Target Location Accuracy (TLA) Production																															
1		2023	ARMY	16	16	0																							0		
1		2024	ARMY	3	3	0																							0		
1		2025	ARMY	3	0	3	-	-	-	-	1	1	1																0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

UNCLASSIFIED

Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10		P-1 Line Item Number / Title: 0023A01001 / MQ-1 PAYLOAD
		Item Number / Title [DODIC]: A01005 / CSP FMV

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 - McKinney	8	24	125	0	10	24	34	0	10	24	34

"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).

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0305219A
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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>)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The MQ-1C Gray Eagle provides the Army with an Extended Range, Multi-Purpose (ERMP) Uncrewed Aircraft System (UAS) in Multi-Domain Operations (MDO); capable of executing reconnaissance, security, attack, and intelligence collection missions in Range of Military Operations (ROMO). Sensors/Payloads include an Electro-Optical/Infrared/Laser Designator (EO/IR/LD), Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI), Signals Intelligence (SIGINT), and HELLFIRE missiles providing long range, deep sense/attack with standoff.

The MQ-1C Gray Eagle Modification/Product Improvement Program (PIP) funding is required to address obsolescence while maintaining a MDO-ready capability. This effort involves the procurement of expeditionary ground equipment (control stations), datalinks (new single/multi-band satellite communication & line of sight terminals), avionics (increased processing power, M-Code navigators), payloads, and aircraft systems (Modernized Extended Range) in a Modular Open System Architecture (MOSA) supported by partitioned flight/mission software. Funding supports multi-phased integration efforts of hardware and software procurement in support of Army Assured-Positioning Navigation and Timing (A-PNT) requirements to allow the MQ-1C Gray Eagle to survive, persist, and operate effectively in GPS denied environments resulting in the fielding of M-Code navigators as required by Public Law 111-383. Procurement of new engine propulsion systems is necessary to maintain operational readiness for the enduring MQ-1C Gray Eagle fleet and provides the -25M Weapon Systems will have a viable propulsion system.

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

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0305219A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	A00002 / Communications Modernization (UNCLASSIFIED)				- / 431.564	- / 133.038	- / 14.959	- / 23.865	- / -	- / 23.865
P-40	Total Gross/Weapon System Cost				- / 431.564	- / 133.038	- / 14.959	- / 23.865	- / -	- / 23.865

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	A00002 / Communications Modernization (UNCLASSIFIED)				- / 5.021	- / 5.539	- / 10.536	- / 10.641	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 5.021	- / 5.539	- / 10.536	- / 10.641	Continuing	Continuing

*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 Base Procurement dollars in the amount of \$23.865M supports the procurement of Heavy Fuel Engines (HFE) (\$20M) and A-PNT kits (\$3.865M) for the Vision Based Navigation (VBN), which includes a processor, down facing camera, and associated cabling. Procurement of new engine propulsion systems is necessary to maintain operational readiness for the enduring MQ-1C Gray Eagle fleet and provides the -25M Weapon Systems will have a viable propulsion system. VBN provides a "non-GPS" based navigation solution on the Gray Eagle aircraft to operate in a GPS denied environment. VBN provides an alternate means of estimating aircraft position during GPS denial/outage by tracking aircraft movement using video imagery. This is an increase from the FY 2024 requested level to support Army requirements.

The MQ-1C Gray Eagle Modification/Product Improvement Program (PIP) funding is required for datalinks, avionics modernization, and the HFE 2.0. Datalinks and avionics modernization involves the procurement of new satellite communication ground and air vehicle equipment, new air vehicle avionics, and system re-architecture through the partitioning and updating of software to allow for the separation of critical and non-critical functions. This modernization effort enables the procurement of multi-band communication equipment for Beyond Line of Sight data transmission and replacement of obsolete processors, which will improve system processing and increase throughput and memory capability. PIP funding also supports multi-phased integration efforts of hardware and software procurement in support of Army Assured-Positioning Navigation and Timing (A-PNT) requirements to allow the MQ-1C Gray Eagle to survive, persist, and operate effectively in GPS denied environments. This effort fully integrates Link-16, increases operational reach, and meets objectives all while reducing cognitive burden for the Soldier. The HFE 2.0 propulsion system (200hp engine, gearbox, and alternator) is for end of life replacement and increases endurance to support the advanced sensor payloads. These upgrades improve operations in contested environments, address obsolescence, and establish an architecture that enables integration of future payloads to support Multi-Domain Operations.

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2	Modification Number / Title: A00002 / Communications Modernization

ID Code (A=Service Ready, B=Not Service Ready) :						MDAP/MAIS Code:						
Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing
<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 Thousands)	-	22,173.000	-	-	-	-	-	-	-	-	Continuing	Continuing

Description:

The MQ-1C Gray Eagle provides the Army with an Extended Range, Multi-Purpose (ERMP) Uncrewed Aircraft System (UAS); capable of executing reconnaissance, security, attack, and intelligence collection missions in the Range of Military Operations (ROMO). Sensors/payloads include an Electro-Optical/Infrared/Laser Designator (EO/IR/LD), Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI), Signals Intelligence (SIGINT), and HELLFIRE missiles; providing a near all-weather mission capability. MQ-1C Gray Eagle is a dedicated, assured, multi-mission UAS fielded to all Active Component Divisions, Intelligence and Security Command and Army Special Operations Command in support of the commander's warfighting priorities and capabilities enabling Multi-Domain Operations.

The MQ-1C Gray Eagle Modification/Product Improvement Program (PIP) funding is required for datalinks, avionics modernization, and the Heavy Fuel Engine (HFE) 2.0. Datalinks and avionics modernization involves the procurement of new satellite communication ground and air vehicle equipment, new air vehicle avionics, and system re-architecture through the partitioning and updating of software to allow for the separation of critical and non-critical functions. This modernization effort will enable multi-band communication for Beyond Line of Sight data transmission, replace obsolete processors, and improve system processing and increase both throughput and memory capability. PIP funding also supports multi-phased integration efforts of hardware and software procurement in support of Army Assured-Positioning Navigation and Timing (A-PNT) requirements to allow the MQ-1C Gray Eagle to survive, persist, and operate effectively in GPS denied environments. The HFE 2.0 propulsion system includes a 200hp engine for end of life replacement as well as increased endurance to support the advanced sensor payloads. Based on current OPTEMPO and reliability parameters, the current supply of engines will be depleted by 1QFY27. Procurement of new engine propulsion systems is necessary to maintain operational readiness for the enduring MQ-1C Gray Eagle fleet and provides the -25M Weapon Systems will have a viable propulsion system. These upgrades improve operations in contested environments, address obsolescence, and establish an architecture that enables integration of future payloads to support Multi-Domain Operations and, as required by Public Law 111-383, M-Code capability.

Note: Each A-kit and B-kit modifies one (1) aircraft.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2	Modification Number / Title: A00002 / Communications Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Development Status/Major Development Milestones

Date	Title	Description
Jan 2020	Datalinks and Avionics Modernization	Retrofits
Jan 2021	Datalinks and Avionics Modernization	Retrofits

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2					Modification Number / Title: A00002 / Communications Modernization			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: N/A				Modification Type: UNCLASSIFIED				Related RDT&E PEs: 0305219A					
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)	
Procurement													
Modification Item 1 of 9: Assured Positioning Navigation Timing Improvements													
B Kits													
Recurring													
Global Positioning System (GPS) Denied	225 / 33.075	- / -	- / 1.959	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 35.034	
GPS Contested (M-Code)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	19 / 3.355	53 / 10.536	27 / 5.503	Continuing	Continuing	
GPS Contested (VBN)	- / -	- / -	- / -	22 / 3.865	- / -	22 / 3.865	28 / 5.021	12 / 2.184	- / -	27 / 5.138	Continuing	Continuing	
Subtotal: Recurring	225 / 33.075	- / -	- / 1.959	22 / 3.865	- / -	22 / 3.865	28 / 5.021	31 / 5.539	53 / 10.536	54 / 10.641	Continuing	Continuing	
Non-Recurring													
Software Updates	- / 24.310	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.310	
Non-GPS Navigation NRE	- / 10.444	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.444	
Program Management	- / 9.431	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.431	
Navigator 2 Qualification	- / 5.198	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.198	
Auto-pilot Improvements	- / 4.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.330	
Avionics NRE	- / 25.390	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.390	
Subtotal: Non-Recurring	- / 79.103	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 79.103	
Subtotal: Assured Positioning Navigation Timing Improvements	225 / 112.178	- / -	- / 1.959	22 / 3.865	- / -	22 / 3.865	28 / 5.021	31 / 5.539	53 / 10.536	54 / 10.641	Continuing	Continuing	
Modification Item 2 of 9: GFE Repair													
A Kits													
Recurring													
GFE Repair	- / 4.942	- / 2.747	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.689	
Subtotal: Recurring	- / 4.942	- / 2.747	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.689	
Subtotal: GFE Repair	- / 4.942	- / 2.747	- / 4.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.689	
Modification Item 3 of 9: Communications Modernization Link 16													
A Kits													
Non-Recurring													
Communications Modernization Link 16	48 / 14.000	- / -	- / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 21.000	
Subtotal: Non-Recurring	48 / 14.000	- / -	- / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 21.000	
Subtotal: Communications Modernization Link 16	48 / 14.000	- / -	- / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 21.000	
Modification Item 4 of 9: Program Management													

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Exhibit P-3a, Individual Modification: PB 2025 Army											Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2					Modification Number / Title: A00002 / Communications Modernization			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Models of Systems Affected: N/A				Modification Type: UNCLASSIFIED				Related RDT&E PEs: 0305219A				
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)
A Kits												
Recurring												
Program Management	- / 3.045	- / 2.101	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.146
<i>Subtotal: Recurring</i>	- / 3.045	- / 2.101	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.146
<i>Subtotal: Program Management</i>	- / 3.045	- / 2.101	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.146
Modification Item 5 of 9: Heavy Fuel Engine Procurement												
A Kits												
Recurring												
Engine Procurement	- / -	- / -	- / -	22 / 20.000	- / -	22 / 20.000	- / -	- / -	- / -	- / -	- / -	22 / 20.000
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	22 / 20.000	- / -	22 / 20.000	- / -	- / -	- / -	- / -	- / -	22 / 20.000
<i>Subtotal: Heavy Fuel Engine Procurement</i>	- / -	- / -	- / -	22 / 20.000	- / -	22 / 20.000	- / -	- / -	- / -	- / -	- / -	22 / 20.000
Modification Item 6 of 9: Legacy Air Vehicle Upgrades												
A Kits												
Recurring												
Legacy Air Vehicle Upgrade	2 / 115.756	4 / 128.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 243.946
<i>Subtotal: Recurring</i>	2 / 115.756	4 / 128.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 243.946
<i>Subtotal: Legacy Air Vehicle Upgrades</i>	2 / 115.756	4 / 128.190	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 243.946
Modification Item 7 of 9: Datalink and Avionics Modernization												
B Kits												
Recurring												
Datalink Modernization B-Kits	20 / 53.162	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 53.162
<i>Subtotal: Recurring</i>	20 / 53.162	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 53.162
Non-Recurring												
Datalink Modernization NRE	- / 77.187	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 77.187
<i>Subtotal: Non-Recurring</i>	- / 77.187	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 77.187
<i>Subtotal: Datalink and Avionics Modernization</i>	20 / 130.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 130.349
Modification Item 8 of 9: Red River Army Depot Fielding Support												
<i>Subtotal: Red River Army Depot Fielding Support</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000
Modification Item 9 of 9: Warrior Alpha Modification												

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2						Modification Number / Title: A00002 / Communications Modernization		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Models of Systems Affected: N/A				Modification Type: UNCLASSIFIED				Related RDT&E PEs: 0305219A				
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)
A Kits												
Non-Recurring												
Non-recurring engineering	- / 4.576	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.576
<i>Subtotal: Non-Recurring</i>	- / 4.576	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.576
B Kits												
Recurring												
High Definition & BLOS Payload	10 / 27.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 27.000
<i>Subtotal: Recurring</i>	10 / 27.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 27.000
<i>Subtotal: Warrior Alpha Modification</i>	10 / 31.576	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 31.576
<i>Subtotal: Procurement, All Modification Items</i>	305 / 411.846	4 / 133.038	- / 14.959	44 / 23.865	- / -	44 / 23.865	28 / 5.021	31 / 5.539	53 / 10.536	54 / 10.641	Continuing	Continuing
Installation												
<i>Modification Item 1 of 9: Assured Positioning Navigation Timing Improvements</i>	- / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.100
<i>Modification Item 7 of 9: Datalink and Avionics Modernization</i>	- / 11.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.528
<i>Modification Item 8 of 9: Red River Army Depot Fielding Support</i>	- / 0.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.090
<i>Subtotal: Installation</i>	- / 19.718	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.718
Total												
Total Cost (Procurement + Support + Installation)	431.564	133.038	14.959	23.865	-	23.865	5.021	5.539	10.536	10.641	Continuing	Continuing

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2	Modification Number / Title: A00002 / Communications Modernization

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 9: Assured Positioning Navigation Timing Improvements

Manufacturer Information

Manufacturer Name: General Atomics (GA-ASI)	Manufacturer Location: Poway, CA
Administrative Leadtime (in Months): 4	Production Leadtime (in Months): 24

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

Installation Information

Method of Implementation: FSR Fielded Retrofits

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 8.100
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 8.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 8.100

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot						
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
In	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2			Modification Number / Title: A00002 / Communications Modernization	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 2 of 9: GFE Repair							
Manufacturer Information							
Manufacturer Name: General Atomics				Manufacturer Location: Poway, California			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Depot					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2			Modification Number / Title: A00002 / Communications Modernization	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 3 of 9: Communications Modernization Link 16							
Manufacturer Information							
Manufacturer Name: VIASAT Corporation				Manufacturer Location: Carlsbad, California			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): ECP					Installation Quantity: 0		

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Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2			Modification Number / Title: A00002 / Communications Modernization	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Modification Item 4 of 9: Program Management							
Manufacturer Information							
Manufacturer Name: General Atomics				Manufacturer Location: Poway, California			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Gray Eagle Technical Services						Installation Quantity: 0	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2			Modification Number / Title: A00002 / Communications Modernization	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Modification Item 5 of 9: Heavy Fuel Engine Procurement							
Manufacturer Information							
Manufacturer Name: General Atomics				Manufacturer Location: California			
Administrative Leadtime (in Months):				Production Leadtime (in Months): 12			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Mar 2025				
Delivery Dates			Jun 2026	Jun 2027			
Installation Information							
Method of Implementation (Organic): Performance Based Logistics Sustainment Contract					Installation Quantity: 22		

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Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2			Modification Number / Title: A00002 / Communications Modernization	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Modification Item 6 of 9: Legacy Air Vehicle Upgrades							
Manufacturer Information							
Manufacturer Name: General Atomics				Manufacturer Location: Poway, CA			
Administrative Leadtime (in Months):				Production Leadtime (in Months): 19			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Sep 2023						
Delivery Dates			Jun 2025				
Installation Information							
Method of Implementation (Organic): General Atomics (OEM)						Installation Quantity: 4	

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10		P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2
		Modification Number / Title: A00002 / Communications Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Modification Item 7 of 9: Datalink and Avionics Modernization

Manufacturer Information

Manufacturer Name: General Atomics (GA-ASI) Manufacturer Location: Poway, CA
 Administrative Leadtime (in Months): 4 Production Leadtime (in Months): 12

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

Installation Information

Method of Implementation: Engineering Change Proposal, ECP

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 11.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 11.528
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 11.528	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 11.528

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	23	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	
Out	9	12	-	2	-	-	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2	Modification Number / Title: A00002 / Communications Modernization
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 8 of 9: Red River Army Depot Fielding Support

Manufacturer Information

Manufacturer Name: United States Army Materiel Command				Manufacturer Location: New Boston, TX			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Depot Support

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.090
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.090

Installation Schedule

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

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Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 0756AA6601 / Gray Eagle Mods2			Modification Number / Title: A00002 / Communications Modernization	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 9 of 9: Warrior Alpha Modification							
Manufacturer Information							
Manufacturer Name: General Atomics				Manufacturer Location: Poway, CA			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 15			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Replacement aircraft build					Installation Quantity: 10		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 1036AZ2001 / MULTI SENSOR ABN RECON
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	228.579	20.924	-	-	-	-	-	-	-	-	-	249.503
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	228.579	20.924	-	-	-	-	-	-	-	-	-	249.503
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	228.579	20.924	-	-	-	-	-	-	-	-	-	249.503

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

AZ2001 Multi Sensor Airborne (ABN) Recon Military Intelligence Program (MIP) is the Parent Line to Airborne Reconnaissance Low -- Enhanced (ARL-E) (MIP) (AZ2050), Guardrail Common Sensor (GRCS) Payloads (MIP) (AZ2052), Enhanced Medium Reconnaissance and Surveillance System (EMARSS) Payloads (MIP) (AZ2054), and the Army ABN Intelligence, Surveillance and Reconnaissance (ISR) Modifications (AZ2056).

AZ2050 was terminated in Fiscal Year (FY) 2022.
AZ2052 and AZ2054 will be divested by FY 2025.

Airborne Reconnaissance Low - Enhanced (ARL-E) is a worldwide self-deployable airborne ISR system designed for timely, accurate, assured support to tactical forces over the full spectrum of operations. This system is a De Havilland DHC-8 aircraft replacing the DHC-7 IAW the Aerial ISR (AISR) 2020 Strategy. ARL-E will enhance the ARL-M sensor capability sets through the procurement of new and refurbished sensors to meet the ARL-E Capabilities Production Document (CPD) requirements. It provides a persistent capability to include: Broad-Area Surveillance and/or Focused Stare on Target Areas of Interest (Point or Objective Targets), Electro-Optical/Infrared (EO/IR)/Full-Motion Video (FMV), Multi-Mode Radar, Robust Communications Intelligence (COMINT), on-Board Collection, Analysis, Sensor Cross Cue and dissemination through Distributed Common Ground System-Army (DCGS-A) Enabled workstations. ARL-E will be assigned to the U.S. Army Intelligence and Security Command's (INSCOM) AISR Brigade providing support to combatant commanders. For the overall system, the Army Acquisition Objective and the Army Procurement Objective, is nine (9). The Mission Equipment Package (MEP) objective is eight (8).

This funding line supports the procurement and modernization of eight (8) complete MEP sets, which includes the following sensors: one (1) COMINT subsystem capable of supporting theater net centric geo-location efforts, two (2) High Definition FMV sensors and one (1) Improved Synthetic Aperture Radar / Ground Moving Target Indicator (SAR/GMTI) radar subsystem or one (1) SAR/Dismounted Moving Target Indicator (DMTI) subsystem. The MEP also includes four (4) DCGS-A workstations, one (1) set of communication equipment (mission radios, Beyond line of Site (BLOS) and Line of Site (LOS) Data links). ARL-E is capable of rapid installation of sensors in a plug and play, quick connect/disconnect, mounting system to allow various combinations of sensor-types in support of a wide-range of theater operations. All MEPs include the infrastructure to plug and play a Hyper-Spectral Imagery (HSI) Payload purchased under a Quick Reaction Capability (QRC) program. Future Growth capabilities include: Wide-Area Aerial Surveillance (WAAS), Light Detection and Ranging (LiDAR) and Foliage Penetration Radar (FOPEN).

The overall ARL-E procurement/modernization efforts are found in the following three (3) lines; AZ2050 ARL Payloads (Project Manager Sensors - Aerial Intelligence), A02109, ARL-E Special Electronic Mission Aircraft (SEMA) (MIP) and A02110 ARL-E SEMA Mods (MIP) (Fixed Wing Project Office). Separate funding lines support the Army Acquisition Executive's directive, codified in the October 28, 2011

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 1036AZ2001 / MULTI SENSOR ABN RECON
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

memorandum, to assign overall acquisition lead for manned airborne Intelligence systems to Program Executive Officer for Aviation; and overall sensor, processing, exploitation, and dissemination responsibilities to Program Executive Officer for Intelligence, Electronic Warfare, and Sensors.

The Guardrail Common Sensor (GRCS) is an airborne Signals Intelligence (SIGINT) Collection and Location System capable of providing Tactical Commanders Near-Real Time intelligence. It provides a persistent capability to detect, locate and classify/identify critical targets with a relevant degree of timeliness and accuracy. GRCS is assigned to two (2) U.S. Army Intelligence and Security Command's (INSCOM) Aerial Exploitation Battalions, providing Aerial Intelligence, Surveillance and Reconnaissance (AISR) support to combatant commanders. The Army's Acquisition Objective/Army's Procurement Objective (AAO/APO) is 19 RC-12X; seven (7) fielded to 3rd Military Intelligence Battalion (MI BN); seven (7) fielded to the 204th MI BN, and five (5) pilot trainers to support Force Generation. The five (5) trainers are not equipped with Primary Mission Equipment (PME).

The overall GRCS procurement/modernization efforts are found in the following two lines: AZ2052 Guardrail Payloads Military Intelligence Program (MIP) and A02111 GRCS SEMA MODS (MIP). Separate funding lines support the Army Acquisition Executive's directive, codified in the October 28, 2011 memorandum, to assign overall acquisition lead for manned airborne Intelligence systems to Program Executive Office for Aviation; and overall sensor, processing, exploitation, and dissemination responsibilities to Program Executive Officer for Intelligence, Electronic Warfare, and Sensors.

GRCS is currently the most capable Army AISR system that provides SIGINT capabilities to support long range targeting of near-peer threats in an Anti-Access Area Denial (A2AD) environment.

RDT&E and procurement funding currently planned will address obsolescence issues for critical SIGINT capabilities on the GRCS platform. These investments ensure GRCS AISR support in the A2AD environment is not impacted, which would prevent critical intelligence collection at large standoff which is needed to address long range targeting of near-peer threats and maintain system relevancy.

The Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) is the Army's newest generation C-12 based, direct support, manned airborne intelligence collection, processing, and targeting support system. It provides a persistent capability to detect, locate, classify/identify, and track surface targets with a high degree of timeliness and accuracy. EMARSS is assigned to the U.S. Army INSCOM Aerial Exploitation Battalions, providing AISR support to combatant commanders. EMARSS is also assigned to the United States Army Training and Doctrine Command (TRADOC) in support of training at the US Army Intelligence Center of Excellence (USAICoE). The AAO for EMARSS is 36 systems, with an APO of 24, to include the following variants: eight (8) EMARSS-G (Geo-INT); four (4) EMARSS-V (Vehicle and Dismount Exploitation Radar, VaDER); eight (8) EMARSS-M (Multi-INT); and four (4) EMARSS-S (SIGINT). Loss of one EMARSS-M in 2020 reduced the operational fleet to 23 aircraft.

Each EMARSS variant has a distinct Mission Equipment Package (MEP). This funding line supports the pre-planned product improvements of the following sensor capabilities: SIGINT; Electro-optical/Infrared (EO/IR)/Full Motion Video (FMV); Communications Intelligence (COMINT) to include Big Iron; Wide Area Aerial Surveillance (WAAS); Light Imaging Detection and Ranging (LiDAR) and improved Synthetic Aperture RADAR / Moving Target Indicator (SAR/MTI) RADAR; line-of-site (LOS) and beyond line-of-site (BLOS) communications; and Processing Exploitation and Dissemination (PED) supporting two Distributed Common Ground System - Army (DCGS-A) enabled operator workstations.

The overall EMARSS procurement/modernization efforts are found in the following two lines; AZ2054 EMARSS Payloads (Project Manager Sensors - Aerial Intelligence) and A02112 EMARSS SEMA Mods (Fixed Wing Project Office). Separate funding lines support the Army Acquisition Executive's directive, codified in the October 28, 2011 memorandum, to assign overall acquisition lead for manned airborne Intelligence systems to Program Executive Officer for Aviation; and overall sensor, processing, exploitation, and dissemination responsibilities to Program Executive Officer for Intelligence, Electronic Warfare, and Sensors.

EMARSS transitioned from A02005.

The Army ABN ISR Modifications line is to support aircraft modifications for Aerial Technical Demonstrators [ATDs], Quick Reaction Capabilities (QRC) or SEMA aircraft in direct support of U.S. Army COCOMS.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army Quantity	-	-	-	-	-	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 1036AZ2001 / MULTI SENSOR ABN RECON
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
	Total Obligation Authority	20.924	-	-	-	-	-	-	-	-
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	20.924	-	-	-	-	-	-	-	-

Justification:
 AZ2001 has no FY 2025 funding request due to Army decision to no longer invest in legacy aircraft.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	9,272.064	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	180.439	-	-	-	-	-	-	-	-	-	-	180.439
Net Procurement (P-1) (<i>\$ in Millions</i>)	9,091.625	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	180.439	-	-	-	-	-	-	-	-	-	-	180.439
Total Obligation Authority (<i>\$ in Millions</i>)	9,272.064	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The AH-64 Mods program is required to address operational mandates and obsolescence. It is necessary for the continued relevance, resilience, operational performance and readiness of the Army's attack helicopter fleet. The AH-64 Mods Program allows for near-term operationally driven improvements to the Apache fleet, focusing on deployment lessons learned, and reliability improvements. Improvements will occur to the Airframe, Armament, Communications, Manned / Unmanned Teaming, Navigation, Sensors, Survivability, Support Elements, and Training Systems. Examples of modifications include Selected Component Recapitalization, Airframe and Sensor Capability upgrades, Software upgrades, Condition Based Maintenance (CBM), trainer concurrency, Computer/Processing and Data Display and Control upgrades. The AH-64D/AH-64E inventory crossover point (370 AH-64D / 370 AH-64E) occurred in October, 2020. These modernization efforts are required to ensure the Longbow Apache remains a ready and relevant Warfighter asset. The AH-64 Mods program is critical to ensure the Apache maintains its current level of capability.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft

P-1 Line Item Number / Title:
2706AA6605 / AH-64 MODS

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-3a	AA6606 / AH-64 APACHE MODS (Operational & Reliability Improvements and Resolve Obsolescence Issues)				- / 9,272.064	- / 85.840	- / 113.127	- / 81.026	- / -	- / 81.026
P-40	Total Gross/Weapon System Cost				- / 9,272.064	- / 85.840	- / 113.127	- / 81.026	- / -	- / 81.026
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	AA6606 / AH-64 APACHE MODS (Operational & Reliability Improvements and Resolve Obsolescence Issues)				- / 94.530	- / 122.083	- / 107.678	- / 114.776	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 94.530	- / 122.083	- / 107.678	- / 114.776	Continuing	Continuing

*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 Base procurement dollars in the amount of \$81.026 million supports modification and service life extension efforts for the Airframe, Armament, Manned/Unmanned Teaming, Mission Command, Sensors, Survivability, Support Elements, and Training Systems.

FY 2023 Army Senior Command level made decision to increase the program line to procure 24 aircraft sets of Composite Main Rotor Blades (CMRB) to retrofit AH-64D aircraft in the fleet, for FY 2024.

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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)	9,272.064	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	180.439	-	-	-	-	-	-	-	-	-	-	180.439
Net Procurement (P-1) (\$ in Millions)	9,091.625	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	180.439	-	-	-	-	-	-	-	-	-	-	180.439
Total Obligation Authority (\$ in Millions)	9,272.064	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing

(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 Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Airframe includes modifications to the Structural Subsystems, Propulsion/Drive/Rotor Systems, Health Monitoring System, and Recap Support/Kits. Structural Subsystems modifications include improvements to the assembled structural and aerodynamic components of the air vehicle to include the fuselage and associated manual flight control systems, rotor equipment, landing gear and associated equipment, environmental controls, racks, mounts, intersystem cables and distribution boxes. Propulsion/Drive/Rotor Systems together with Engine Electronic Digital Engine Control Unit (EDECUC) and Common Hydro-Mechanical Unit (CHMU) provides the capability to carry a heavier combat payload and allow for enhanced performance in high-altitude, hot climates. Landing Gear improvements (High Performance Shock Struts (HPSS)) will improve the aircraft crash survivability and allows for a heavier aircraft with greater combat loads. Provides sustainment, support and maintenance for the Apache test aircraft. Additionally, funds in FY 2024 will be used to procure 24 aircraft sets of Composite Main Rotor Blades and associated Peculiar Support Equipment to replace Metal Main Rotor Blades on fielded AH-64D aircraft in the Apache fleet.

Mission Command includes modifications and/or upgrades to the various Apache processors and displays. Work has begun on Software Version 6.5, which will enable Common Configuration of Hardware and Software across the AH-64E Fleet. Mission Command upgrades will continue through FY 2028. Mission Computer / Processing modifications and/or upgrades include improvements to the master data processing unit(s) responsible for coordinating and directing the major avionics mission systems. System Simulation and Software Integration (S3I) Crew Station Working Group (CSWG) provides support for an AH-64E Engineering Analysis Cockpit as part of the Advance Prototyping and Engineering Experimentation (APBEX2) Lab to support continuous Operational Flight Program (OFP) software sustainment and product improvement. Battlefield Operations and Support System (BOSS) supports developmental / formal test to ensure interoperability and assists in certification testing of the Apache data link implementation. Data Link Test Tools (DLTT) supports developmental / formal test to ensure interoperability and assists in certification testing of the Apache data link implementation.

Sensors includes modifications, operational improvements, obsolescence, and/or mitigation of capability issues to the Apache Sensor suite, which includes the TADS/PNVs, Manned/Unmanned Teaming - eXpanded (MUMT-X) and the Generation 2 Radio Frequency Interferometer (G2RFI). The TADS/PNVs system incorporates upgraded software and continues flight testing in support of hardware/software modifications and weapons testing. MUMT-X supports annual software updates for current and future OFP updates and cyber security requirements along with maintenance and support for all required MUMT-X diagnostic testing assets to meet interoperability requirements. As a vital part of the MUMT-X system, funds also support the development of a modification work order for the fielding of the Coyote Modem on AH-64E V6 aircraft.

Support Elements include the modification and production of those items, which are not part of the aircraft system but are required to maintain, service, or calibrate the aircraft systems or portions of the aircraft system while not directly engaged in the performance of its mission and will not be in the inventory for support of other weapon systems. Post Production Organic support establishes Depot Pilot Programs at Corpus Christi Army Depot (CCAD) and Tobyhanna Army Depot (TYAD) for selected Depot Level Repairables (DLR) as part of the Original Equipment Manufacturer (OEM) to Depot Transition. Post Production Organic Support (PPOS) provides Depot Maintenance Plant Equipment, Special Tools and Test Equipment, labor training and associated technical data for future repairs once the DLR has transitioned to the depot. PPOS improves Repair Turn Around Time and retain depot maintenance capabilities.

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS

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

Training Systems include deliverable training services, Operator and Maintainer training devices, accessories, training aids, equipment, and parts used to facilitate instruction through which personnel will learn to operate and maintain the system with maximum efficiency. Examples include Operator / Maintainer Training (aircraft/classroom) devices, Cyber/RMF activities and new systems integration/concurrency to the suite of training devices/systems, and updates to allow individual/team training tasks and collective training. Efforts include the production and upgrade of deliverable and fielded training systems, devices and equipment; updates to associated device/product hardware and software in the form of 3D Virtual Immersive Training, 3D models and desktop crew station emulation capability.

Apache will Federate the Spike NLOS (Non Line Of Sight) missile system by providing Program Management, Systems Engineering, Development Test, Live Fire Test, Life Cycle Management and Integrated Logistics. This effort will support the directed requirement for the AH-64D/E interim Long Range Precision Munition (LRPM) solution. The Army will optimize the Aviation munitions portfolio as part of this strategy creating reinvestment opportunities to close existing lethality gaps by making the portfolio sufficiently lethal for both manned and unmanned platforms against a broad range of increasingly more sophisticated threats. The Spike NLOS Kit consists of a bus controller, video recorder, weapons controller panel, hand control grip, weapons processor, communication pod, power relay box and associated wiring harnesses. Final fielded configuration will include 18 kits and 3 spares. The FY 2022 quantity reflects A-kit procurement of Spike NLOS hardware. B-kit hardware encompasses all the components to field Spike (launchers and line replaceable kits), as well as the bulk cost (~\$45m) of the APA dollars spent. A-kit components, while also required to field Spike NLOS, are the wiring harnesses and adapters which represent a significantly lower cost.

The Other Support costs that are identified in each Modification Item are proportionately shared between all Apache funding lines. These costs are for personnel that perform duties associated with Safety, Compliance, Training, Product Support, Engineering Services, and Logistics.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS					Modification Number / Title: AA6606 / AH-64 APACHE MODS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: Longbow Apache				Modification Type: Operational & Reliability Improvements and Resolve Obsolescence Issues				Related RDT&E PEs:					
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)	
Procurement													
Modification Item 1 of 7: Airframe													
A Kits													
Recurring													
Structural Subsystems	- / 12.535	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
Health Monitoring System	- / 63.437	- / 11.834	- / 12.011	- / 11.312	- / -	- / 11.312	- / 13.342	- / 13.623	- / 13.114	- / 19.216	- / -	Continuing	Continuing
RESET / MEP Kits	- / 192.774	- / 2.313	- / 2.572	- / 1.718	- / -	- / 1.718	- / 2.856	- / 2.938	- / 3.023	- / 1.034	- / -	Continuing	Continuing
Other Support	- / 15.269	- / 2.948	- / 4.456	- / 5.451	- / -	- / 5.451	- / 22.389	- / 10.725	- / 10.950	- / 11.778	- / -	Continuing	Continuing
Armament	- / -	- / 0.074	- / 0.074	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / -	- / -	Continuing	Continuing
Drive System	- / -	- / 8.091	- / 41.529	- / 28.064	- / -	- / 28.064	- / -	- / -	- / -	- / -	- / -	- / -	- / 77.684
Subtotal: Recurring	- / 284.015	- / 25.260	- / 60.642	- / 46.595	- / -	- / 46.595	- / 38.637	- / 27.336	- / 27.137	- / 32.028	- / -	Continuing	Continuing
Subtotal: Airframe	- / 284.015	- / 25.260	- / 60.642	- / 46.595	- / -	- / 46.595	- / 38.637	- / 27.336	- / 27.137	- / 32.028	- / -	Continuing	Continuing
Modification Item 2 of 7: Mission Command													
A Kits													
Recurring													
Processors	- / 100.818	- / 25.613	- / 41.350	- / 24.062	- / -	- / 24.062	- / 12.539	- / 49.849	- / 39.961	- / 44.611	- / -	Continuing	Continuing
Displays	- / 17.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.186
Other Support	- / 9.952	- / 3.383	- / 3.280	- / 3.188	- / -	- / 3.188	- / 17.279	- / 32.185	- / 27.032	- / 25.944	- / -	Continuing	Continuing
Subtotal: Recurring	- / 117.956	- / 28.996	- / 44.630	- / 27.250	- / -	- / 27.250	- / 29.818	- / 82.034	- / 66.993	- / 70.555	- / -	Continuing	Continuing
Subtotal: Mission Command	- / 117.956	- / 28.996	- / 44.630	- / 27.250	- / -	- / 27.250	- / 29.818	- / 82.034	- / 66.993	- / 70.555	- / -	Continuing	Continuing
Modification Item 3 of 7: Sensors													
A Kits													
Recurring													
MTADS/PNVS	- / 37.896	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 37.896
M-RFI	27 / 43.338	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 43.338
Other Support	- / 126.147	- / 2.848	- / 10.513	- / 10.701	- / -	- / 10.701	- / 16.029	- / 2.777	- / 2.973	- / 2.610	- / -	- / -	- / 44.598
Sensor Modernization	- / 0.374	- / 2.193	- / 6.469	- / 5.291	- / -	- / 5.291	- / 4.375	- / 4.302	- / 4.394	- / 4.487	- / -	- / -	- / 31.885
Subtotal: Recurring	27 / 107.755	- / 5.041	- / 6.982	- / 5.992	- / -	- / 5.992	- / 10.404	- / 7.079	- / 7.367	- / 7.097	- / -	- / -	27 / 157.717
B Kits													
Recurring													
M-LRFD	150 / 49.834	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 49.834

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS					Modification Number / Title: AA6606 / AH-64 APACHE MODS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: Longbow Apache				Modification Type: Operational & Reliability Improvements and Resolve Obsolescence Issues				Related RDT&E PEs:					
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)	
M-DSA	317 / 383.912	3 / 19.366	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	320 / 403.278	
<i>Subtotal: Recurring</i>	467 / 433.746	3 / 19.366	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	470 / 453.112	
<i>Subtotal: Sensors</i>	494 / 541.501	3 / 24.407	- / 6.982	- / 5.992	- / -	- / 5.992	- / 10.404	- / 7.079	- / 7.367	- / 7.097	- / -	497 / 610.829	
Modification Item 4 of 7: Training Systems													
A Kits													
Recurring													
Operator Devices	- / 107.971	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Maintainer Devices	- / 39.045	- / 6.340	- / 0.809	- / 1.050	- / -	- / 1.050	- / 5.263	- / 3.424	- / 3.687	- / 0.908	Continuing	Continuing	
Other Support	- / 13.441	- / 0.837	- / 0.064	- / 0.139	- / -	- / 0.139	- / 9.081	- / 2.210	- / 2.494	- / 1.874	Continuing	Continuing	
Courseware and Devices	- / 3.116	- / -	- / -	- / -	- / -	- / -	- / 1.327	- / -	- / -	- / 2.314	Continuing	Continuing	
<i>Subtotal: Recurring</i>	- / 163.573	- / 7.177	- / 0.873	- / 1.189	- / -	- / 1.189	- / 15.671	- / 5.634	- / 6.181	- / 5.096	Continuing	Continuing	
<i>Subtotal: Training Systems</i>	- / 163.573	- / 7.177	- / 0.873	- / 1.189	- / -	- / 1.189	- / 15.671	- / 5.634	- / 6.181	- / 5.096	Continuing	Continuing	
Modification Item 5 of 7: Hellfire Missile Launchers													
A Kits													
Recurring													
Hellfire Missile Launchers	- / 50.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 50.000	
<i>Subtotal: Recurring</i>	- / 50.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 50.000	
<i>Subtotal: Hellfire Missile Launchers</i>	- / 50.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 50.000	
Modification Item 6 of 7: AH-64 Mods Prior Year Cost													
A Kits													
Recurring													
AH-64 Mods Prior Year Cost	- / 8,042.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8,042.349	
<i>Subtotal: Recurring</i>	- / 8,042.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8,042.349	
<i>Subtotal: AH-64 Mods Prior Year Cost</i>	- / 8,042.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8,042.349	
Modification Item 7 of 7: Spike NLOS Integration													
A Kits													
Recurring													
Spike NLOS Integration	21 / 35.237	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 35.237	
<i>Subtotal: Recurring</i>	21 / 35.237	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 35.237	
B Kits													

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS					Modification Number / Title: AA6606 / AH-64 APACHE MODS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: Longbow Apache				Modification Type: Operational & Reliability Improvements and Resolve Obsolescence Issues				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
Spike NLOS Hardware	18 / 37.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 37.433	
<i>Subtotal: Recurring</i>	18 / 37.433	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 37.433	
<i>Subtotal: Spike NLOS Integration</i>	39 / 72.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 72.670	
<i>Subtotal: Procurement, All Modification Items</i>	533 / 9,272.064	3 / 85.840	- / 113.127	- / 81.026	- / -	- / 81.026	- / 94.530	- / 122.083	- / 107.678	- / 114.776	Continuing	Continuing	
Installation													
<i>Modification Item 1 of 7: Airframe</i>	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
<i>Modification Item 2 of 7: Mission Command</i>	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
<i>Modification Item 3 of 7: Sensors</i>	309 / -	3 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	312 / -	
<i>Modification Item 4 of 7: Training Systems</i>	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
<i>Modification Item 5 of 7: Hellfire Missile Launchers</i>	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
<i>Modification Item 6 of 7: AH-64 Mods Prior Year Cost</i>	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
<i>Modification Item 7 of 7: Spike NLOS Integration</i>	39 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / -	
<i>Subtotal: Installation</i>	353 / -	3 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	356 / -	
Total													
Total Cost (Procurement + Support + Installation)	9,272.064	85.840	113.127	81.026	-	81.026	94.530	122.083	107.678	114.776	Continuing	Continuing	

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 7: Airframe

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

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

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

Installation Information

Method of Implementation: Modifications

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 7: Mission Command

Manufacturer Information

Manufacturer Name: Various Manufacturer Location: Various

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

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

Installation Information

Method of Implementation: .

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 7: Sensors

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
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Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 33
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Jun 2023	Jun 2024					
Delivery Dates	Aug 2025	Aug 2026					

Installation Information

Method of Implementation: Modifications

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	302 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	302 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	7 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.000
FY 2026	- / -	3 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.000
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	309 / 0.000	3 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	312 / 0.000

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	518	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521
Out	488	5	6	4	4	3	3	3	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 4 of 7: Training Systems

Manufacturer Information

Manufacturer Name: Boeing / LSI Inc	Manufacturer Location: St. Louis, MO / Jacksonville, FL
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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

Installation Information

Method of Implementation: Field Retrofits

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 5 of 7: Hellfire Missile Launchers

Manufacturer Information

Manufacturer Name: Lockheed Martin Missiles and Fire Control Manufacturer Location: Orlando, Florida

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

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

Installation Information

Method of Implementation: Armament

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 6 of 7: AH-64 Mods Prior Year Cost

Manufacturer Information

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modifications

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 2706AA6605 / AH-64 MODS	Modification Number / Title: AA6606 / AH-64 APACHE MODS
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 7 of 7: Spike NLOS Integration

Manufacturer Information

Manufacturer Name: Lockheed Martin Manufacturer Location: Orlando, Florida

Administrative Leadtime (in Months): Production Leadtime (in Months): 16

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

Installation Information

Method of Implementation: Modifications

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	39 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 0.000
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	39 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	39 / 0.000

Installation Schedule

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

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 278

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>)	11,119.404	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	1,168.857	-	-	-	-	-	-	-	-	-	-	1,168.857
Net Procurement (P-1) (<i>\$ in Millions</i>)	9,950.547	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	1,168.857	-	-	-	-	-	-	-	-	-	-	1,168.857
Total Obligation Authority (<i>\$ in Millions</i>)	11,119.404	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The CH-47F Chinook, the Army's only heavy lift helicopter, is an essential component of the Army of 2030. The CH-47F twin-turbine, tandem-rotor, heavy lift transport helicopter is a critical component of the Army's Aviation Campaign Objective of Modernizing, Equipping and Sustaining the Army Aviation Portfolio to successfully conduct Multi-Domain Operations (MDO) as part of an integrated joint force.

The significant modifications to the CH-47F include: Improving cyber security, COMSEC, aircraft handling qualities through iterative development, testing and fielding to the Common Avionics Architecture System (CAAS) and the Digital Automatic Flight Control System (DAFCS); Fielding remaining fleet of Cargo Platform Health Environment (CPHE) and Improved Vibration Control System (IVCS); Maintaining currency and certification of fleet Training Aids Devices Simulators and Simulations (TADSS) and Transportable Flight Proficiency (TFPS); Refreshing avionics software to address cyber security threats and safety improvements; Replacing obsolete and unavailable hardware and equipment.

The modifications support requirements driven by rapid changes in the commercial electronics hardware market, evolving cyber security threats, military interoperability, and commercial airspace navigation requiring software systems updates, testing, integration, training and logistics support. The funding priorities are developing, testing, fielding improvements in cyber security, aircraft handling qualities, COMSEC improvements, Position Navigation Timing (PNT) integration, multi-core processors and expansion of the flexibility provided by the CAAS Modular Open Systems Approach. The Chinook Avionics Trainer (CAT), Transportable Flight Proficiency Simulator (TFPS), Chinook Maintenance Trainer (CHMT) and Virtual Interactive Environment (VIE) require concurrency upgrades to match the CH-47F CAAS V9.4 and DAFCS 3.3 fleet configuration enhancements.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft

P-1 Line Item Number / Title:
3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)

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: 278

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	AA0252 / CH-47 Cargo Helicopter Mods (MYP) (Unclassified)				- / 11,119.404	- / 49.357	- / 20.689	- / 15.825	- / -	- / 15.825
P-40	Total Gross/Weapon System Cost				- / 11,119.404	- / 49.357	- / 20.689	- / 15.825	- / -	- / 15.825

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	AA0252 / CH-47 Cargo Helicopter Mods (MYP) (Unclassified)				- / 17.983	- / 17.989	- / 17.952	- / 18.132	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 17.983	- / 17.989	- / 17.952	- / 18.132	Continuing	Continuing

*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 base procurement dollars in the amount of \$15.825 million supports avionics updates and improvements fielded across the fleet.

Funding procures critical avionics updates and safety improvements to maintain the H-47 Avionics and Software systems including the Common Avionics Architecture System (CAAS) and the Digital Automatic Flight Control System (DAFCS). Requirements driven by changes in military interoperability, cyber security threats, and commercial airspace navigation require software systems updates, testing, integration, training and logistics support. The funding priorities are developing, testing, and fielding of improvements in cyber security, aircraft handling qualities, Cargo Platform Health Environment (CPHE), COMSEC improvements, Position Navigation Timing (PNT) integration, multi-core processors, and expansion of the flexibility provided by the CAAS Modular Open Systems Approach.

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

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)	Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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>)	11,119.404	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	1,168.857	-	-	-	-	-	-	-	-	-	-	1,168.857
Net Procurement (P-1) (<i>\$ in Millions</i>)	9,950.547	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	1,168.857	-	-	-	-	-	-	-	-	-	-	1,168.857
Total Obligation Authority (<i>\$ in Millions</i>)	11,119.404	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The CH-47F Block I Chinook, the Army's only heavy lift helicopter, is an essential component of the Army of 2030. The CH-47F Block I twin-turbine, tandem-rotor, heavy lift transport helicopter is a critical component of the Army's Aviation Campaign Objective of Modernizing, Equipping and Sustaining the Army Aviation Portfolio to successfully conduct Multi-Domain Operations (MDO) as part of an integrated joint force.

The significant modifications to the CH-47F Block I include: Improving cyber security, COMSEC, aircraft handling qualities through iterative development, testing and fielding to the Common Avionics Architecture System (CAAS) and the Digital Automatic Flight Control System (DAFCS); Fielding to remainder of Block I fleet of Cargo Platform Health Environment (CPHE) and Improved Vibration Control System (IVCS); Maintaining currency and certification of fleet Training Aids Devices Simulators and Simulations (TADSS) and Transportable Flight Proficiency (TFPS); Refreshing avionics software to address cyber security threats and safety improvements; Replacing obsolete and unavailable hardware and equipment. Currently, funding for CH-47F support and sustainment of the digital cockpit is programmed across two funding lines, the A05105 CH-47 SLEP and AA0252000 CH-47 Cargo Helicopter Mods. The combined funding supports enduring Obsolescence and Software Engineering tasks defined and approved during the Operations and Sustainment Review in FY 2021 in expectation of a Block II program decision. The first year of funding is in FY 2023, with a ramp up on A05105 line to minimally support and sustain the CH-47F digital cockpit.

The modifications support requirements driven by rapid changes in the commercial electronics hardware market, evolving cyber security threats, military interoperability, and commercial airspace navigation requiring software systems updates, testing, integration, training and logistics support. The funding priorities are developing, testing, fielding improvements in cyber security, aircraft handling qualities, COMSEC improvements, Position Navigation Timing (PNT) integration, multi-core processors and expansion of the flexibility provided by the CAAS Modular Open Systems Approach. The Chinook Avionics Trainer (CAT), Transportable Flight Proficiency Simulator (TFPS), Chinook Maintenance Trainer (CHMT) and Virtual Interactive Environment (VIE) require concurrency upgrades to match the CH-47F CAAS V9.4 and DAFCS 3.3 fleet configuration enhancements.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)					Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: CH-47				Modification Type: Unclassified				Related RDT&E PEs:					
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)	
Procurement													
Modification Item 1 of 11: Block I Software & Avionics Upgrades													
A Kits													
Non-Recurring													
Avionics Updates (CAAS, DAFCS, CPHE)	- / 29.676	- / 6.247	- / 9.957	- / 0.292	- / -	- / 0.292	- / 14.849	- / 14.842	- / 17.952	- / 18.132	Continuing	Continuing	
Safety Impr (SW Corrections, Cyber)	- / 8.867	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Non-Recurring	- / 38.543	- / 6.247	- / 9.957	- / 0.292	- / -	- / 0.292	- / 14.849	- / 14.842	- / 17.952	- / 18.132	Continuing	Continuing	
B Kits													
Recurring													
SEPM	- / 6.515	- / 3.110	- / 3.128	- / 3.131	- / -	- / 3.131	- / 3.134	- / 3.147	- / -	- / -	Continuing	Continuing	
Subtotal: Recurring	- / 6.515	- / 3.110	- / 3.128	- / 3.131	- / -	- / 3.131	- / 3.134	- / 3.147	- / -	- / -	Continuing	Continuing	
Subtotal: Block I Software & Avionics Upgrades	- / 45.058	- / 9.357	- / 13.085	- / 3.423	- / -	- / 3.423	- / 17.983	- / 17.989	- / 17.952	- / 18.132	Continuing	Continuing	
Modification Item 2 of 11: Degraded Visual Environment													
A Kits													
Non-Recurring													
CH-47 degraded visual environments	- / -	- / 25.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.000	
Subtotal: Non-Recurring	- / -	- / 25.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.000	
Subtotal: Degraded Visual Environment	- / -	- / 25.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.000	
Modification Item 3 of 11: Block I COOLS & COOLS BPS													
A Kits													
Recurring													
Cargo Handling Floor System	- / 1,854.411	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,854.411	
Ballistic Protection System (BPS)	30 / 342.268	- / 14.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 356.518	
PM Support	- / 5.908	- / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.658	
Cargo Handling Floor System (OCO)	- / 29.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.300	
PM Support (OCO)	- / 8.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.010	
Subtotal: Recurring	30 / 2,239.897	- / 15.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 2,254.897	
Subtotal: Block I COOLS & COOLS BPS	30 / 2,239.897	- / 15.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 2,254.897	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)						Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: CH-47				Modification Type: Unclassified				Related RDT&E PEs:					
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)	
Modification Item 4 of 11: Block I Cargo Platform Health Environment (CPHE)													
A Kits													
Recurring													
Kits Type 1	131 / 3,075.058	- / -	- / 3.559	- / 5.803	- / -	- / 5.803	- / -	- / -	- / -	- / -	199 / 42.387	330 / 3,126.807	
CPHE Software Upgrade	- / 595.796	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 595.796	
Services	- / 57.549	- / -	- / 3.559	- / 5.803	- / -	- / 5.803	- / -	- / -	- / -	- / -	- / -	- / 66.911	
PM Support	- / 1.170	- / -	- / 0.486	- / 0.796	- / -	- / 0.796	- / -	- / -	- / -	- / -	- / -	- / 2.452	
Subtotal: Recurring	131 / 3,729.573	- / -	- / 7.604	- / 12.402	- / -	- / 12.402	- / -	- / -	- / -	- / -	199 / 42.387	330 / 3,791.966	
Non-Recurring													
NRE	- / 6.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.751	
Subtotal: Non-Recurring	- / 6.751	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.751	
Subtotal: Block I Cargo Platform Health Environment (CPHE)	131 / 3,736.324	- / -	- / 7.604	- / 12.402	- / -	- / 12.402	- / -	- / -	- / -	- / -	199 / 42.387	330 / 3,798.717	
Modification Item 5 of 11: Block I CH-47 Safety Mods \$5M or Less													
A Kits													
Recurring													
Voltage Standing Wave Ratio (VSWR)	- / 2.239	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
FCTS (FADEC Continuity Test Set)	- / 6.430	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Misc Mods	- / 15.592	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Swashplate Assembly	- / 0.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Hook Load Measuring System	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Engine Air Particle Separator (EAPS)	- / 121.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
PM Support	- / 11.776	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Frangible Fuel Fitting	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Recurring	- / 77.807	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Non-Recurring													
Critical Safety Issues	1 / 7.414	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Non-Recurring	1 / 7.414	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Block I CH-47 Safety Mods \$5M or Less	1 / 85.221	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army											Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)							Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)			
ID Code (A=Service Ready, B=Not Service Ready) :								MDAP/MAIS Code:						
Models of Systems Affected: CH-47				Modification Type: Unclassified				Related RDT&E PEs:						
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)		
Modification Item 6 of 11: Block I Improved Vibration Control System (IVCS)														
A Kits														
Recurring														
Kits	251 / 133.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
PM Support	- / 2.025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Recurring	251 / 135.559	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Block I Improved Vibration Control System (IVCS)	251 / 135.559	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Modification Item 7 of 11: Improved Troop Seats (ITS)														
A Kits														
Recurring														
Installation Kits	- / 14.653	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.653	
Subtotal: Recurring	- / 14.653	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.653	
Subtotal: Improved Troop Seats (ITS)	- / 14.653	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.653	
Modification Item 8 of 11: Block I Adjustable Pitch Change Link														
A Kits														
Recurring														
Pitch Change Links	- / 2.311	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.311	
PM Support	- / 0.158	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.158	
Subtotal: Recurring	- / 2.469	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.469	
Non-Recurring														
NRE	- / 15.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.582	
Subtotal: Non-Recurring	- / 15.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.582	
Subtotal: Block I Adjustable Pitch Change Link	- / 18.051	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.051	
Modification Item 9 of 11: Block I Engine Improvements														
A Kits														
Recurring														
T55 Engine Control Unit Prog (ECU)	- / 45.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 45.000	
New Engines	- / 4,495.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4,495.000	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)						Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Models of Systems Affected: CH-47				Modification Type: Unclassified				Related RDT&E PEs:				
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)
P3 Check Valve	- / 4.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.900
Next Generation Torque System	- / 14.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.500
Logistics	- / 39.953	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 39.953
ECU Upgrade	- / 5.760	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.760
RIMFIRE	- / 2.159	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.159
PM Admin Support	- / 4.613	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.613
Subtotal: Recurring	- / 4,611.885	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4,611.885
Non-Recurring												
ECP NRE/Incorporation	- / 1.062	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.062
Subtotal: Non-Recurring	- / 1.062	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.062
Subtotal: Block I Engine Improvements	- / 4,612.947	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4,612.947
Modification Item 10 of 11: Block I Aircraft Component Parts-Marking (UID)												
A Kits												
Non-Recurring												
Component Markings	- / 37.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 37.506
Subtotal: Non-Recurring	- / 37.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 37.506
Subtotal: Block I Aircraft Component Parts-Marking (UID)	- / 37.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 37.506
Modification Item 11 of 11: Block I Systems Optimization & Payload Restoration												
A Kits												
Recurring												
PM Support	- / 7.853	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.853
Subtotal: Recurring	- / 7.853	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.853
Non-Recurring												
NRE	- / 157.065	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 157.065
Subtotal: Non-Recurring	- / 157.065	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 157.065
Subtotal: Block I Systems Optimization & Payload Restoration	- / 164.918	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 164.918
Subtotal: Procurement, All Modification Items	413 / 11,090.134	- / 49.357	- / 20.689	- / 15.825	- / -	- / 15.825	- / 17.983	- / 17.989	- / 17.952	- / 18.132	Continuing	Continuing

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)	Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Models of Systems Affected: CH-47	Modification Type: Unclassified	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation												
<i>Modification Item 3 of 11:</i> Block I COOLS & COOLS BPS	264 / 19.567	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	264 / 19.567
<i>Modification Item 4 of 11:</i> Block I Cargo Platform Health Environment (CPHE)	83 / 7.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
<i>Modification Item 6 of 11:</i> Block I Improved Vibration Control System (IVCS)	23 / 2.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
<i>Subtotal: Installation</i>	370 / 29.270	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
Total												
Total Cost (Procurement + Support + Installation)	11,119.404	49.357	20.689	15.825	-	15.825	17.983	17.989	17.952	18.132	Continuing	Continuing

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 11: Block I Software & Avionics Upgrades							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): TBD					Installation Quantity: 462		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 2 of 11: Degraded Visual Environment							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): TBD					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)	Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 11: Block I COOLS & COOLS BPS

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 1

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

Installation Information

Method of Implementation: Various

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	264 / 19.567	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	264 / 19.567
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	264 / 19.567	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	264 / 19.567

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	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264
Out	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)	Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 4 of 11: Block I Cargo Platform Health Environment (CPHE)

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 6

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

Installation Information

Method of Implementation: Various

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	83 / 7.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	247 / 22.230	247 / 22.230
Total	83 / 7.470	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing

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	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	199	330
Out	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	330

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 5 of 11: Block I CH-47 Safety Mods \$5M or Less							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)	Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 6 of 11: Block I Improved Vibration Control System (IVCS)

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park PA
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 6

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

Installation Information

Method of Implementation: Various

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	23 / 2.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	271 / 11.585	271 / 11.585
Total	23 / 2.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing

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	251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	294
Out	34	-	-	-	-	6	6	6	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	233	294

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 7 of 11: Improved Troop Seats (ITS)							
Manufacturer Information							
Manufacturer Name: Boeing				Manufacturer Location: Ridley Park, PA			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 12			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 8 of 11: Block I Adjustable Pitch Change Link							
Manufacturer Information							
Manufacturer Name: Boeing				Manufacturer Location: Ridley Park, PA			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): User Installed					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 9 of 11: Block I Engine Improvements							
Manufacturer Information							
Manufacturer Name: Honeywell Inc				Manufacturer Location: Phoenix, AZ			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 10 of 11: Block I Aircraft Component Parts-Marking (UID)							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 3264AA0252 / CH-47 Cargo Helicopter Mods (MYP)			Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 11 of 11: Block I Systems Optimization & Payload Restoration							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	1,768.173	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	13.500	-	-	-	-	-	-	-	-	-	-	13.500
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,754.673	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	13.500	-	-	-	-	-	-	-	-	-	-	13.500
Total Obligation Authority (<i>\$ in Millions</i>)	1,768.173	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Utility Helicopter Mods include modifications to the UH-60 Black Hawk and the UH-72 Lakota helicopters. The UH-60 Black Hawk helicopter is the Army's utility helicopter for the near and midterm force. It is a twin engine, single rotor, four bladed utility helicopters used for air assault, general support, command & control, and aero-medical evacuations (MEDEVAC). The UH-60 is joint force capable, providing 24 hour/day support including operations at night and in adverse weather conditions. The UH-60 is designed to carry a crew of four plus eleven combat equipped troops or an external load up to 9,000 pounds. The UH-60 Black Hawk was fielded in 1978 as a replacement for the UH-1. From 1978 to 1988, UH-60As were produced. In 1989 production of UH-60Ls with improved engines and drive train began. In 2007, full rate production of UH-60Ms began which provided a digital cockpit, digital Flight Management System (FMS), improved engine, and wide-cord main rotor blades. The UH-72 Lakota helicopter provides general aviation support for aviation units in the active and reserve components.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 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	AA0492 / UTILITY HELICOPTER MODS (Operational)				- / 1,768.173	- / 39.346	- / 35.879	- / 34.565	- / -	- / 34.565
P-40	Total Gross/Weapon System Cost				- / 1,768.173	- / 39.346	- / 35.879	- / 34.565	- / -	- / 34.565

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	AA0492 / UTILITY HELICOPTER MODS (Operational)				- / 36.802	- / 37.518	- / 87.178	- / 87.551	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 36.802	- / 37.518	- / 87.178	- / 87.551	Continuing	Continuing

*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 Base dollars in the amount of \$34.565M, will procure and install Survivability Upgrade, Upturned Exhaust Systems (UES), along with installing Mission Equipment, 60kVA Generators, for the UH-60M Fleet. The Upturned Exhaust System (UES) enhancements provide Survivability, Safety, Reliability, Maintainability, and reduced Weight improvement over the legacy UES design. It also provides the following benefits: Substantial reductions in IR signature to counter emerging threats; Common hardware across all H-60 platforms; and 100% organic reparability. The UH-60L/M/V 60kVA Generator provides additional power for future systems such as Common Infrared Countermeasure (CIRCM), Degraded Visual Environment (DVE), and the Future Waveform Radio.

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods	Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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>)	1,768.173	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	13.500	-	-	-	-	-	-	-	-	-	-	13.500
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,754.673	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	13.500	-	-	-	-	-	-	-	-	-	-	13.500
Total Obligation Authority (<i>\$ in Millions</i>)	1,768.173	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY 2025 Base dollars in the amount of \$34.565M, will procure and install Survivability Upgrade, Upturned Exhaust Systems (UES), along with installing Mission Equipment, 60kVA Generators, for the UH-60M Fleet. The Upturned Exhaust System (UES) enhancements provide Survivability, Safety, Reliability, Maintainability, and reduced Weight improvement over the legacy UES design. It also provides the following benefits: Substantial reductions in IR signature to counter emerging threats; Common hardware across all H-60 platforms; and 100% organic reparability. The UH-60L/M/V 60kVA Generator provides additional power for future systems such as Common Infrared Countermeasure (CIRCM), Degraded Visual Environment (DVE), and the Future Waveform Radio.

Modifications are categorized into the following Items:

Modification Item 1: Air Vehicle Improvements include modifications and improvements to the structural, power train, and aerodynamic components of the air vehicle.

Modification Item 2: Avionics Upgrades include upgrades and improvements to hardware and software as necessary for modernization, improve and/or increase system processing, and to address obsolescence. Avionic upgrades include improvements to Communication, Navigation, and Surveillance systems as well as achieving Modular Open Systems Approach (MOSA) efforts.

Modification Item 3: Survivability and Safety Upgrades include modifications and/or upgrades to address aircraft Survivability and Critical Safety issues. Survivability upgrades enhance lethality, improve aircrew protection, and deters/defeats threats.

Modification Item 4: Mission Equipment Modifications include modifications that ensure aircraft can perform its multiple missions to include MEDEVAC.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods					Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH-60, UH-72				Modification Type: Operational				Related RDT&E PEs:					
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)	
Procurement													
Modification Item 1 of 4: Air Vehicle Improvements													
A Kits													
Recurring													
Generator A-Kits	1,223 / 17.713	1,076 / 10.290	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Engine Inlet Barrier Filter (EIBF)	30 / 0.840	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.840	
UH-60A to UH-60L Conversion	276 / 375.248	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	276 / 375.248	
Subtotal: Recurring	1,529 / 393.801	1,076 / 10.290	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Non-Recurring													
UH-60A to UH-60L Conversion	- / 974.469	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 974.469	
UH-60M Weight Reduction - Tail Rotor Sys	- / 11.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.000	
Subtotal: Non-Recurring	- / 985.469	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 985.469	
B Kits													
Recurring													
Generator B-Kits	220 / 29.570	69 / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Engine Inlet Barrier Filter (EIBF)	50 / 5.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 5.500	
Subtotal: Recurring	270 / 35.070	69 / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Air Vehicle Improvements	1,799 / 1,414.340	1,145 / 20.290	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Modification Item 2 of 4: Avionics Upgrades													
A Kits													
Recurring													
Backup Altitude Indicators	265 / 14.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	265 / 14.000	
Electronic Standby Instrument Sys (ESIS)	33 / 4.877	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / 4.877	
Subtotal: Recurring	298 / 18.877	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	298 / 18.877	
B Kits													
Recurring													
Electronic Standby Instrument Sys (ESIS)	26 / 4.804	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 4.804	
Subtotal: Recurring	26 / 4.804	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 4.804	
Subtotal: Avionics Upgrades	324 / 23.681	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	324 / 23.681	
Modification Item 3 of 4: Survivability and Safety Upgrades													

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods					Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH-60, UH-72				Modification Type: Operational				Related RDT&E PEs:					
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)	
A Kits													
Recurring													
Crashworthy External Fuel System (CEFS)	1,295 / 139.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,295 / 139.920	
Enhanced Ballistic Armor Protection Sys	375 / 40.640	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	375 / 40.640	
EBAPS (Other)	- / 15.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.000	
Subtotal: Recurring	1,670 / 185.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,670 / 185.560	
Non-Recurring													
UH-72 Sustainability Improvements	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000	
Subtotal: Non-Recurring	- / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000	
B Kits													
Recurring													
UES II B Kit Recurring	32 / 8.377	14 / 3.813	109 / 30.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
UES	19 / 3.732	- / -	- / -	103 / 29.829	- / -	103 / 29.829	109 / 31.412	108 / 31.930	266 / 80.239	261 / 80.472	Continuing	Continuing	
Subtotal: Recurring	51 / 12.109	14 / 3.813	109 / 30.370	103 / 29.829	- / -	103 / 29.829	109 / 31.412	108 / 31.930	266 / 80.239	261 / 80.472	Continuing	Continuing	
Non-Recurring													
UES	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Subtotal: Non-Recurring	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Subtotal: Survivability and Safety Upgrades	1,721 / 208.669	14 / 3.813	109 / 30.370	103 / 29.829	- / -	103 / 29.829	109 / 31.412	108 / 31.930	266 / 80.239	261 / 80.472	Continuing	Continuing	
Modification Item 4 of 4: Mission Equipment Modifications													
A Kits													
Recurring													
External High Speed Hoist	285 / 82.321	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	285 / 82.321	
Subtotal: Recurring	285 / 82.321	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	285 / 82.321	
Non-Recurring													
Load Stability System (LSS)	- / 5.500	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.500	
Subtotal: Non-Recurring	- / 5.500	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.500	
Subtotal: Mission Equipment Modifications	285 / 87.821	- / 8.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	285 / 95.821	
Subtotal: Procurement, All Modification Items	4,129 / 1,734.511	1,159 / 32.103	109 / 30.370	103 / 29.829	- / -	103 / 29.829	109 / 31.412	108 / 31.930	266 / 80.239	261 / 80.472	Continuing	Continuing	
Installation													
Modification Item 1 of 4: Air Vehicle Improvements	375 / 5.563	216 / 1.399	163 / 1.074	56 / 0.382	- / -	56 / 0.382	95 / 0.652	135 / 0.946	135 / 0.965	135 / 0.985	Continuing	Continuing	

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods						Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Models of Systems Affected: UH-60, UH-72			Modification Type: Operational				Related RDT&E PEs:					
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)
Modification Item 2 of 4: Avionics Upgrades	172 / 20.029	62 / 5.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
Modification Item 3 of 4: Survivability and Safety Upgrades	501 / 8.070	17 / 0.563	108 / 4.435	104 / 4.354	- / -	104 / 4.354	111 / 4.738	107 / 4.642	135 / 5.974	135 / 6.094	Continuing	Continuing
Subtotal: Installation	1,048 / 33.662	295 / 7.243	271 / 5.509	160 / 4.736	- / -	160 / 4.736	206 / 5.390	242 / 5.588	270 / 6.939	270 / 7.079	Continuing	Continuing
Total												
Total Cost (Procurement + Support + Installation)	1,768.173	39.346	35.879	34.565	-	34.565	36.802	37.518	87.178	87.551	Continuing	Continuing

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Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods	Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 4: Air Vehicle Improvements

Manufacturer Information

Manufacturer Name: Honeywell Aerospace - Various Manufacturer Location: Tucson, AZ - Various

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

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

Installation Information

Method of Implementation: Various

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	375 / 5.563	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	- / -	216 / 1.399	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2024	- / -	- / -	163 / 1.074	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2025	- / -	- / -	- / -	56 / 0.382	- / -	56 / 0.382	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	95 / 0.652	- / -	- / -	- / -	Continuing	Continuing
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 0.946	- / -	- / -	Continuing	Continuing
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 0.965	- / -	Continuing	Continuing
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 0.985	Continuing	Continuing
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	375 / 5.563	216 / 1.399	163 / 1.074	56 / 0.382	- / -	56 / 0.382	95 / 0.652	135 / 0.946	135 / 0.965	135 / 0.985	Continuing	Continuing

Installation Schedule

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

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods	Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 4: Avionics Upgrades

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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	172 / 20.029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	- / -	62 / 5.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	172 / 20.029	62 / 5.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing

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	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172
Out	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods	Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 4: Survivability and Safety Upgrades

Manufacturer Information

Manufacturer Name: Sikorsky - Various				Manufacturer Location: Stratford, CT - Various			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 12			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates		Mar 2024					
Delivery Dates		Mar 2025					

Installation Information

Method of Implementation: Various

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	501 / 8.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2023	- / -	17 / 0.563	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2024	- / -	- / -	108 / 4.435	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2025	- / -	- / -	- / -	104 / 4.354	- / -	104 / 4.354	- / -	- / -	- / -	- / -	Continuing	Continuing
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	111 / 4.738	- / -	- / -	- / -	Continuing	Continuing
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	107 / 4.642	- / -	- / -	Continuing	Continuing
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 5.974	- / -	Continuing	Continuing
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	135 / 6.094	Continuing	Continuing
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	501 / 8.070	17 / 0.563	108 / 4.435	104 / 4.354	- / -	104 / 4.354	111 / 4.738	107 / 4.642	135 / 5.974	135 / 6.094	Continuing	Continuing

Installation Schedule

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

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 6949AA0480 / Utility Helicopter Mods			Modification Number / Title: AA0492 / UTILITY HELICOPTER MODS	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 4 of 4: Mission Equipment Modifications							
Manufacturer Information							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Various					Installation Quantity: 0		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604201A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Aviation Mission Planning System (AMPS) supports pre-mission planning and rehearsal, including route planning, communications planning, and aircraft configuration. It receives data from multiple sources and provides that data digitally to aircraft platforms to support aviation missions. That data is loaded onto the aircraft platforms utilizing a Data Transfer Device initializing the communication, navigation, and weapons systems on the aircraft.

AMPS software is being modernized through a convergence effort known as Integrated Mission Planning and Airspace Control Tools (IMPACT). IMPACT contributes to four of the Army's six modernization priorities: future vertical lift, long range precision fires, the network, and air and missile defense. IMPACT also directly supports the National Military Strategy Joint force task of integrating capabilities rapidly. IMPACT will continue to provide interoperability with Army Mission Command, Joint, and Unified Action Partners (UAP) systems will providing improved mission planning collaboration between users, situational understanding, risk assessment, and Air-Ground Integration to enable Multi-Domain Operations (MDO), Joint All Domain Operations (JADO), and JADC2. The IMPACT convergence is using modern software development practices, including a Modular Open System Approach (MOSA) and Development, Security, Operations (DevSecOps) approach, to support more rapid fielding of capabilities and updates and improved cybersecurity posture through software assurance. IMPACT will use a software architecture and practices to move away from dedicated hardware configurations to support installation on multiple hardware configurations and computing environments (CE) including unit-provided devices (i.e., BYOD). The modernized software baseline is following Continuous Integration/Continuous Deployment (CI/CD) tenants of the Software Acquisition Pathway (SWP) of the Adaptive Acquisition Framework (AAF) to leverage the shift to more Agile acquisition to mirror modern Agile development and delivery. This includes use of Government owned Software Factories and DEVSECOPS processes to ensure that products are tested early and often to mitigate cyber and other vulnerabilities to delivery hardened code from the Minimum Viable Product (MVP) through all successive Minimum Viable Capability Releases (MVCR). IMPACT is also an early partner with DARPA and C5ISR on integrating with Airspace Total Awareness and Rapid Tactical Execution (ASTARTE) effort that addresses gap number 501364, Operations in Highly Contested/Complex Airspace and is the only program addressing automated dynamic airspace control and clearance of fires at the division level and above. Persistent experimentation events like Project Convergence and COCOM sponsored exercises continue to confirm the existence of airspace planning and management challenges that are only increasing in complexity. IMPACT has been part of Project Convergence and Experimental Demonstration Gateway Event (EDGE) events in demonstrating critical mission threads showing a measurable reduction in sensor to shooter timelines.

AMPS/IMPACT program includes management and support of the sustainment of Centralized Aviation Flight Records System (CAFRS). CAFRS is used to manage US Army aviation flight and air traffic services (ATS) records that contain information such as the number of flight hours that pilots have flown and status of pilot and unit flight training requirements. The records maintained by CAFRS enable commanders to accomplish risk assessment and risk management throughout the aviation mission planning process and ensures documentation of flight hours to the Integrated Personnel and Pay System - Army (IPPS-A) for pay.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604201A
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Line Item MDAP/MAIS Code: N/A

The AMCS is an obsolescence replacement and capability upgrade for the current Army Improved Data Modem (IDM) 401. It will provide the ability to rapidly apply technology upgrades utilizing a Modular Open Systems Approach (MOSA) with a nonproprietary Open Systems Architecture (OSA) to keep pace with evolving threats in the Multi-Domain Battlefield. The AMCS enables the hosting of applications to communicate, navigate, sense, and deploy weapon systems across the Joint Force in support of Army 2030 and future aviation operations. It supports the future Common Digital Backbone for the enduring and future Army Aviation fleets with the ability for further growth to host flight critical capabilities.

The Improved Data Modem (IDM) is the common solution for digitizing Army Aviation and is fielded on every modernized, rotary-wing Army aircraft. IDM provides digital air-to-air and air-to-ground connectivity and transmission of air-to-air target data between IDM equipped aircraft using legacy radio and crypto equipment. IDM also serves as interface between aircraft mission computers, data capable radios, and Tactical Internet (TI). Manages Situational Awareness (SA) data, processes command and control messages, and incorporates protocols for sending and receiving mission command digital messages on the TI, Private Net, and Longbow Net using the protocols Air Force Application Program Development Net (AFAPD) and Variable Messaging Format (VMF).

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	30.330	26.104	32.649	-	32.649	44.411	48.651	49.570	50.521
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.966	5.713	15.574	-	15.574	19.774	22.638	23.291	23.114
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.154	0.601	1.639	-	1.639	2.082	2.383	2.452	2.433
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604201A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	AA0712 / Network And Mission Plan (Rationalization, Standardization, Interoperability, Compatibility, Simplification)				- / 1,056.975	- / 42.450	- / 32.418	- / 49.862	- / -	- / 49.862
P-40	Total Gross/Weapon System Cost				- / 1,056.975	- / 42.450	- / 32.418	- / 49.862	- / -	- / 49.862

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	AA0712 / Network And Mission Plan (Rationalization, Standardization, Interoperability, Compatibility, Simplification)				- / 66.267	- / 73.672	- / 75.313	- / 76.068	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 66.267	- / 73.672	- / 75.313	- / 76.068	Continuing	Continuing

*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 Base procurement dollars in the amount of \$8.467 million funds AMPS convergence to IMPACT software development to meet COE Operational Needs in capability drops to support Army Aviation's enduring and future Vertical Lift (FVL) fleets. This is critical to enable Air-Ground Integration, enhance interoperability, and increase commonality with Army Mission Command, COE convergence, MDO, JADO, and JADC2. Aviation is a critical enabler for MDO & JADO; greater synchronization of Aviation planning by IMPACT will enable commanders to place the decisive force at the critical point on the battlefield to facilitate success of JADC2. This is an increase from the FY 2024 requested level to support Army requirements.

The Centralized Aviation Flight Records System (CAFRS) information system provides aircrew member flight hours, aircraft currency, aircraft qualification and training. The CAFRS architecture is planning to evolve from enterprise servers with software distributed throughout the Army Aviation structure to a modern solution accessed through a web-based solution.

FY 2025 Base procurement dollars of \$40.984 million support AMCS fielding to communicate, navigate, sense, and deploy weapon systems across the Joint Force in support of Army 2030 and future aviation operations. Funding supports AMCS production activities as the obsolescence replacement for the IDM 401 to include the procurement of 18 AMCS production units, AMCS A-Kit fabrication, and airworthiness support for the fielding of the AMCS. Funding also supports software integration activities, including the Interoperability Software Application (ISA), Aviation Radio Control Manager (ARCM), and the Aircraft Survivability Equipment B-Kit Emulator software application, supporting Army Networking initiatives for integrating new radios and mission command modernization. The funding is also for AMCS compliance with cybersecurity requirements. Additionally, FY 2024 base procurement funding of \$11.100 million was realigned from AA0712FPEP to 654201VU3 to support AMCS developmental activities. This is a significant change from the FY 2023 President Budget submission. Due to the FY 2024 reprogramming of funding, there are significant changes from our FY 2023 PB submission with respect to FY 2024, including a decrease in the number of procurement quantities planned, systems test and evaluation, and systems engineering support.

FY 2025 Base procurement dollars in the amount of \$0.411 million support the IDM 401 production closeout activities as the IDM transitions into sustainment in FY 2025.

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-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan	Modification Number / Title: AA0712 / Network And Mission Plan

ID Code (A=Service Ready, B=Not Service Ready) :						MDAP/MAIS Code:						
Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing
<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 Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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AMPS software is being modernized through a convergence effort known as Integrated Mission Planning and Airspace Control Tools (IMPACT). IMPACT contributes to four of the Army's six modernization priorities: future vertical lift, long range precision fires, the network, and air and missile defense. IMPACT also directly supports the National Military Strategy Joint force task of integrating capabilities rapidly. IMPACT will continue to provide interoperability with Army Mission Command, Joint, and Unified Action Partners (UAP) systems will providing improved mission planning collaboration between users, situational understanding, risk assessment, and Air-Ground Integration to enable Multi-Domain Operations (MDO), Joint All Domain Operations (JADO), and JADC2. The IMPACT convergence is using modern software development practices, including a Modular Open System Approach (MOSA) and Development, Security, Operations (DevSecOps) approach, to support more rapid fielding of capabilities and updates and improved cybersecurity posture through software assurance. IMPACT will use a software architecture and practices to move away from dedicated hardware configurations to support installation on multiple hardware configurations and computing environments (CE) including unit-provided devices (i.e., BYOD). The modernized software baseline is following Continuous Integration/Continuous Deployment (CI/CD) tenants of the Software Acquisition Pathway (SWP) of the Adaptive Acquisition Framework (AAF) to leverage the shift to more Agile acquisition to mirror modern Agile development and delivery. This includes use of Government owned Software Factories and DEVSECOPS processes to ensure that products are tested early and often to mitigate cyber and other vulnerabilities to delivery hardened code from the Minimum Viable Product (MVP) through all successive Minimum Viable Capability Releases (MVCR). IMPACT is also an early partner with DARPA and C5ISR on integrating with Airspace Total Awareness and Rapid Tactical Execution (ASTARTE) effort that addresses gap number 501364, Operations in Highly Contested/Complex Airspace and is the only program addressing automated dynamic airspace control and clearance of fires at the division level and above. Persistent experimentation events like Project Convergence and COCOM sponsored exercises continue to confirm the existence of airspace planning and management challenges that are only increasing in complexity. IMPACT has been part of Project Convergence and Experimental Demonstration Gateway Event (EDGE) events in demonstrating critical mission threads showing a measurable reduction in sensor to shooter timelines.

AMPS/IMPACT program includes management and support of the sustainment of Centralized Aviation Flight Records System (CAFRS). CAFRS is used to manage US Army aviation flight and air traffic services (ATS) records that contain information such as the number of flight hours that pilots have flown and status of pilot and unit flight training requirements. The records maintained by CAFRS enable commanders to accomplish risk assessment and risk management throughout the aviation mission planning process and ensures documentation of flight hours to the Integrated Personnel and Pay System - Army (IPPS-A) for pay.

The AMCS is an obsolescence replacement and capability upgrade for the current Army Improved Data Modem (IDM) 401. It will provide the ability to rapidly apply technology upgrades utilizing a Modular Open Systems Approach (MOSA) with a nonproprietary Open Systems Architecture (OSA) to keep pace with evolving threats in the Multi-Domain Battlefield. The AMCS enables the hosting of applications to

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan	Modification Number / Title: AA0712 / Network And Mission Plan
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

communicate, navigate, sense, and deploy weapon systems across the Joint Force in support of Army 2030 and future aviation operations. It supports the future Common Digital Backbone for the enduring and future Army Aviation fleets with the ability for further growth to host flight critical capabilities.

The Improved Data Modem (IDM) is the common solution for digitizing Army Aviation and is fielded on every modernized, rotary-wing Army aircraft. IDM provides digital air-to-air and air-to-ground connectivity and transmission of air-to-air target data between IDM equipped aircraft using legacy radio and crypto equipment. IDM also serves as interface between aircraft mission computers, data capable radios, and Tactical Internet (TI). Manages Situational Awareness (SA) data, processes command and control messages, and incorporates protocols for sending and receiving mission command digital messages on the TI, Private Net, and Longbow Net using the protocols Air Force Application Program Development Net (AFAPD) and Variable Messaging Format (VMF).

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	30.330	26.104	32.649	-	32.649	44.411	48.651	49.570	50.521
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.966	5.713	15.574	-	15.574	19.774	22.638	23.291	23.114
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.154	0.601	1.639	-	1.639	2.082	2.383	2.452	2.433
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan						Modification Number / Title: AA0712 / Network And Mission Plan			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: AH-64D/E, CH-47D/F, UH-60A/L/M/Q/V, HH-60L/M, EMARSS, UH-72, UAS				Modification Type: Rationalization, Standardization, Interoperability, Compatibility, Simplification				Related RDT&E PEs:					
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)	
Procurement													
Modification Item 1 of 5: Aviation Mission Planning System (AMPS)													
B Kits													
Recurring													
Kit Quantity- (Computer)	7,780 / 33.247	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,780 / 33.247	
ECPs	- / 175.819	- / 15.111	- / 15.863	- / 2.632	- / -	- / 2.632	- / 4.098	- / 4.110	- / 4.056	- / 4.289	Continuing	Continuing	
Systems Engineering	- / 24.448	- / 2.324	- / 2.395	- / 1.649	- / -	- / 1.649	- / 2.523	- / 2.537	- / 2.531	- / 2.816	Continuing	Continuing	
System Test and Eval	- / 115.072	- / 11.258	- / 11.445	- / 10.879	- / -	- / 10.879	- / 1.498	- / 1.507	- / 1.503	- / 1.723	Continuing	Continuing	
Fielding/Training	- / 171.925	- / 13.824	- / 13.931	- / 12.176	- / -	- / 12.176	- / 4.041	- / 4.061	- / 4.051	- / 4.289	Continuing	Continuing	
Systems Engineering / Program Management	- / 121.080	- / 11.077	- / 11.107	- / 11.131	- / -	- / 11.131	- / 1.152	- / 1.161	- / 1.158	- / 1.336	Continuing	Continuing	
Subtotal: Recurring	7,780 / 341.591	- / 13.594	- / 14.741	- / 8.467	- / -	- / 8.467	- / 13.312	- / 13.376	- / 13.299	- / 14.453	Continuing	Continuing	
Subtotal: Aviation Mission Planning System (AMPS)	7,780 / 341.591	- / 13.594	- / 14.741	- / 8.467	- / -	- / 8.467	- / 13.312	- / 13.376	- / 13.299	- / 14.453	Continuing	Continuing	
Modification Item 2 of 5: Improved Data Modem (IDM)													
B Kits													
Recurring													
Kit Quantity- IDM OSA	5,736 / 156.401	45 / 4.023	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,781 / 160.424	
Aircraft Integration	- / 169.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 169.950	
ECP (SW)	- / 105.393	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 105.393	
Systems Engineering	- / 125.749	- / 10.367	- / 10.504	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.620	
System Test & Eval	- / 175.547	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 175.547	
Other- PM Admin	- / 132.488	- / 10.088	- / 10.038	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 32.614	
Close Out Preparation	- / -	- / 10.200	- / 12.038	- / 10.411	- / -	- / 10.411	- / 10.918	- / 10.723	- / 10.721	- / 10.789	Continuing	Continuing	
Engineering Services	- / -	- / -	- / 10.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.064	
Subtotal: Recurring	5,736 / 565.528	45 / 4.678	- / 2.644	- / 10.411	- / -	- / 10.411	- / 10.918	- / 10.723	- / 10.721	- / 10.789	Continuing	Continuing	
Non-Recurring													
Fielding and Training	- / 11.144	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.144	
Kit Quantity - IDM	- / 19.776	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.776	
Subtotal: Non-Recurring	- / 10.920	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.920	
Subtotal: Improved Data Modem (IDM)	5,736 / 576.448	45 / 4.678	- / 2.644	- / 10.411	- / -	- / 10.411	- / 10.918	- / 10.723	- / 10.721	- / 10.789	Continuing	Continuing	
Modification Item 3 of 5: Aviation Data Exploitation Capability (ADEC)													

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan					Modification Number / Title: AA0712 / Network And Mission Plan			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: AH-64D/E, CH-47D/F, UH-60A/L/M/Q/V, HH-60L/M, EMARSS, UH-72, UAS					Modification Type: Rationalization, Standardization, Interoperability, Compatibility, Simplification				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
B Kits													
Recurring													
Kit Quantity- Workstation	452 / 1.035	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	452 / 1.035	
Kit Quantity- Server	50 / 0.763	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 0.763	
ECP (SW)	- / 1.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.186	
Data	- / 0.843	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.843	
Systems Engineering	- / 4.362	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.362	
System Test & Eval	- / 0.304	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.304	
Fielding/Training	- / 4.972	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.972	
Other- PM Admin	- / 17.170	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.170	
Subtotal: Recurring	502 / 20.635	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	502 / 20.635	
Subtotal: Aviation Data Exploitation Capability (ADEC)	502 / 20.635	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	502 / 20.635	
Modification Item 4 of 5: Aircraft Notebook (ACN)													
B Kits													
Recurring													
ECP (SW)	- / 12.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.234	
Data	- / 0.781	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.781	
Systems Engineering	- / 11.582	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.582	
System Test	- / 1.849	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.849	
Fielding/Training	- / 43.430	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 43.430	
Other- PM Admin	- / 4.774	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.774	
Subtotal: Recurring	- / 74.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 74.650	
Subtotal: Aircraft Notebook (ACN)	- / 74.650	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 74.650	
Modification Item 5 of 5: Aviation Mission Common Server (AMCS)													
A Kits													
Recurring													
A-Kit Fabrication	- / -	- / -	- / 1.555	- / 2.712	- / -	- / 2.712	- / 2.534	- / 2.647	- / 2.656	- / 2.709	Continuing	Continuing	
Subtotal: Recurring	- / -	- / -	- / 1.555	- / 2.712	- / -	- / 2.712	- / 2.534	- / 2.647	- / 2.656	- / 2.709	Continuing	Continuing	
B Kits													
Recurring													
Kit Quantity - AMCS	10 / 1.301	6 / 1.352	18 / 2.529	107 / 15.437	- / -	107 / 15.437	137 / 20.181	142 / 21.356	178 / 27.333	197 / 30.886	Continuing	Continuing	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan					Modification Number / Title: AA0712 / Network And Mission Plan			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: AH-64D/E, CH-47D/F, UH-60A/L/M/Q/V, HH-60L/M, EMARSS, UH-72, UAS					Modification Type: Rationalization, Standardization, Interoperability, Compatibility, Simplification				Related RDT&E PEs:				
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)	
Cybersecurity (ATO)	- / -	- / -	- / -	- / 0.313	- / -	- / 0.313	- / 0.320	- / 0.327	- / 0.330	- / 0.337	Continuing	Continuing	
Fielding/Training	- / -	- / -	- / 1.388	- / 2.284	- / -	- / 2.284	- / 2.155	- / 2.241	- / 2.253	- / 2.570	Continuing	Continuing	
Production Engineering Services	- / -	- / -	- / 3.518	- / 4.225	- / -	- / 4.225	- / 4.392	- / 4.827	- / 4.439	- / 5.114	Continuing	Continuing	
System Engineering	- / 2.850	- / 5.550	- / 2.791	- / 4.671	- / -	- / 4.671	- / 2.575	- / 6.452	- / 5.165	- / 5.392	Continuing	Continuing	
System Test and Evaluation	- / 9.142	- / -	- / 1.386	- / 7.236	- / -	- / 7.236	- / 12.278	- / 13.305	- / 13.376	- / 8.315	Continuing	Continuing	
Other - PM Admin	- / 5.047	- / 2.607	- / 1.866	- / 3.732	- / -	- / 3.732	- / 4.654	- / 5.231	- / 5.564	- / 5.323	Continuing	Continuing	
Obsolescence Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.177	- / 10.177	- / 10.180	Continuing	Continuing	
Subtotal: Recurring	10 / 18.340	6 / 9.509	18 / 13.478	107 / 37.898	- / -	107 / 37.898	137 / 46.555	142 / 53.916	178 / 58.637	197 / 58.117	Continuing	Continuing	
Non-Recurring													
AMCS Aircraft Integration	- / 13.697	- / -	- / -	- / 0.374	- / -	- / 0.374	- / 2.948	- / 3.010	- / -	- / -	Continuing	Continuing	
AMCS SW App ECP	- / 11.614	- / 14.669	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Non-Recurring	- / 25.311	- / 14.669	- / -	- / 0.374	- / -	- / 0.374	- / 2.948	- / 3.010	- / -	- / -	Continuing	Continuing	
Subtotal: Aviation Mission Common Server (AMCS)	10 / 43.651	6 / 24.178	18 / 15.033	107 / 40.984	- / -	107 / 40.984	137 / 52.037	142 / 59.573	178 / 61.293	197 / 60.826	Continuing	Continuing	
Subtotal: Procurement, All Modification Items	14,028 / 1,056.975	51 / 42.450	18 / 32.418	107 / 49.862	- / -	107 / 49.862	137 / 66.267	142 / 73.672	178 / 75.313	197 / 76.068	Continuing	Continuing	
Installation													
Modification Item 3 of 5: Aviation Data Exploitation Capability (ADEC)	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
Modification Item 4 of 5: Aircraft Notebook (ACN)	1 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	
Subtotal: Installation	2 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	
Total													
Total Cost (Procurement + Support + Installation)	1,056.975	42.450	32.418	49.862	-	49.862	66.267	73.672	75.313	76.068	Continuing	Continuing	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan			Modification Number / Title: AA0712 / Network And Mission Plan	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 5: Aviation Mission Planning System (AMPS)							
Manufacturer Information							
Manufacturer Name: Getac				Manufacturer Location: Irvine, CA			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Not applicable					Installation Quantity: 0		

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan			Modification Number / Title: AA0712 / Network And Mission Plan	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Modification Item 2 of 5: Improved Data Modem (IDM)							
Manufacturer Information							
Manufacturer Name: AMRDEC Software Engineering Directorate				Manufacturer Location: Redstone Arsenal, AL			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Not Applicable						Installation Quantity: 0	

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan	Modification Number / Title: AA0712 / Network And Mission Plan
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 5: Aviation Data Exploitation Capability (ADEC)

Manufacturer Information

Manufacturer Name: AMRDEC Software Engineering Directorate	Manufacturer Location: Redstone Arsenal, AL
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Not Applicable

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan	Modification Number / Title: AA0712 / Network And Mission Plan

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 4 of 5: Aircraft Notebook (ACN)

Manufacturer Information

Manufacturer Name: AMRDEC Software Engineering Directorate Manufacturer Location: Redstone Arsenal, AL

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

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

Installation Information

Method of Implementation: Not Applicable

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000

Installation Schedule

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

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 8658AA0712 / Network And Mission Plan			Modification Number / Title: AA0712 / Network And Mission Plan	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 5 of 5: Aviation Mission Common Server (AMCS)							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months):				Production Leadtime (in Months): 15			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates			Aug 2025	Aug 2026	Aug 2027	Aug 2028	Aug 2029
Delivery Dates					Nov 2027	Nov 2028	Nov 2029
Installation Information							
Method of Implementation (Organic): MWO					Installation Quantity: 0		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604201A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funding for the Army Navigation Systems programs was realigned to the new Budget Line Item 8662A01006, Aviation Assured-Position, Navigation, and Timing (A-PNT) in FY 2021.

The current Army Aviation Navigation Systems provide aircraft with extremely accurate and secure navigation and timing, assists in situational awareness, and aids in prevention of fratricide. The Global Positioning System (GPS) includes the Doppler GPS Navigation Set (DGNS), which is used for the Non-bussed Utility and Cargo helicopters, and the Embedded GPS Inertial Navigation System (EGI), which is integrated into the modernized Cargo, Utility, Attack, and Special Operations fleets of helicopters. The upgraded DGNS Computer Display Unit and GPS Anti-jam Antenna is being installed on the Blackhawk UH-60A/L and HH-60A/L fleets and will reduce pilot workload and fatigue and provide GPS Anti-Jam capabilities which significantly improve levels of A-PNT. The Pre-Planned Product Improvement (P3I) EGI A Kits and B Kits are being installed on UH/HH-60M, CH-47F, AH-64E, and Special Operations Aircraft (SOA) fleets and bring a number of enhancements required for operations in civil airspace as well as improved levels of Assured - Position, Navigation and Timing.

Aviation Tactical Communication Systems (ATCS) is a critical Army Aviation program to procure, integrate, and field A-Kits (the installation hardware and software), and B-Kits (the radio) to meet Army Aviation Communications requirements. The current ATCS program is the Multi-mode Aviation Radio Set (MARS) ARC-231A system which incorporates the RT-1987, a software defined radio that enables Army Aviation to communicate with DoD and multi-national forces with the latest crypto-modernized algorithms and secure waveforms. Furthermore, serving as the primary Air Traffic Control communications platform, the ARC-231A remains crucial to the safety of air crews. The software defined nature of the radio allows for increased capability and functionality through subsequent software iterations and will ensure that Army Aviation communications remain on the cutting edge of technology.

The Blue Force Tracking - Aviation (BFT-A) Program integrates, qualifies, and manages the installation of BFT-2 system installation kits (A Kit) for Army Rotary Wing Aircraft. The A-Kit utilizes the BFT-2 transceiver and KGV-72 encryption device provided by PM Mission Command (MC). BFT-2 provides the commander a near real-time Beyond-Line-of-Sight Blue/Red Situational Awareness Picture & Command and Control messaging capability.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	37.848	42.284	33.749	-	33.749	20.265	20.271	20.228	20.431

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604201A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	27.526	29.003	24.545	-	24.545	14.738	14.742	14.712	14.859
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.441	3.625	3.068	-	3.068	1.842	1.843	1.839	1.857
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft		P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance

ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604201A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-3a	AA0723 / Comms, Nav Surveillance (New or Improved Operational Capability)				- / 1,200.934	- / 68.815	- / 74.912	- / 61.362	- / -	- / 61.362
P-40	Total Gross/Weapon System Cost				- / 1,200.934	- / 68.815	- / 74.912	- / 61.362	- / -	- / 61.362
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	AA0723 / Comms, Nav Surveillance (New or Improved Operational Capability)				- / 36.845	- / 36.856	- / 36.779	- / 37.147	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 36.845	- / 36.856	- / 36.779	- / 37.147	Continuing	Continuing

*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 Base Procurement dollars in the amount of \$61.362 million supports procurement of ARC-231A radios in support of aircraft production lines and aircraft modification requirements, fielding of ARC-231A radios to the operational fleet, system test and evaluation of ARC-231A radios and MARS B Kits, and aircraft integration to support crypto-modernization.

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-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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>)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funding for the Army Navigation Systems programs was realigned to the new Budget Line Item 8662A01006, Aviation Assured-Position, Navigation, and Timing (A-PNT) in FY 2021.

The current Army Aviation Navigation Systems provide aircraft with extremely accurate and secure navigation and timing, assists in situational awareness, and aids in prevention of fratricide. The Global Positioning System (GPS) includes the Doppler GPS Navigation Set (DGNS), which is used for the Non-bussed Utility and Cargo helicopters, and the Embedded GPS Inertial Navigation System (EGI), which is integrated into the modernized Cargo, Utility, Attack, and Special Operations fleets of helicopters. The upgraded DGNS Computer Display Unit and GPS Anti-jam Antenna is being installed on the Blackhawk UH-60A/L and HH-60A/L fleets and will reduce pilot workload and fatigue and provide GPS Anti-Jam capabilities which significantly improve levels of A-PNT. The Pre-Planned Product Improvement (P3I) EGI A Kits and B Kits are being installed on UH/HH-60M, CH-47F, AH-64E, and Special Operations Aircraft (SOA) fleets and bring a number of enhancements required for operations in civil airspace as well as improved levels of Assured - Position, Navigation and Timing.

Aviation Tactical Communication Systems (ATCS) is a critical Army Aviation program to procure, integrate, and field A-Kits (the installation hardware and software), and B-Kits (the radio) to meet Army Aviation Communications requirements. The current ATCS program is the Multi-mode Aviation Radio Set (MARS) ARC-231A system which incorporates the RT-1987, a software defined radio that enables Army Aviation to communicate with DoD and multi-national forces with the latest crypto-modernized algorithms and secure waveforms. Furthermore, serving as the primary Air Traffic Control communications platform, the ARC-231A remains crucial to the safety of air crews. The software defined nature of the radio allows for increased capability and functionality through subsequent software iterations and will ensure that Army Aviation communications remain on the cutting edge of technology.

The Blue Force Tracking - Aviation (BFT-A) Program integrates, qualifies, and manages the installation of BFT-2 system installation kits (A Kit) for Army Rotary Wing Aircraft. The A-Kit utilizes the BFT-2 transceiver and KGV-72 encryption device provided by PM Mission Command (MC). BFT-2 provides the commander a near real-time Beyond-Line-of-Sight Blue/Red Situational Awareness Picture & Command and Control messaging capability.

This exhibit is for a budget line that procures multiple items and does not have a single Army Acquisition Objective.

-- Justification --

FY 2025 Base Procurement dollars in the amount of \$61.362 million supports procurement of ARC-231A radios in support of aircraft production lines and aircraft modification requirements, fielding of ARC-231A radios to the operational fleet, system test and evaluation of ARC-231A radios and MARS B Kits, and aircraft integration to support crypto-modernization.

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-3a, Individual Modification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	37.848	42.284	33.749	-	33.749	20.265	20.271	20.228	20.431
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	37.848	42.284	33.749	-	33.749	20.265	20.271	20.228	20.431
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	27.526	29.003	24.545	-	24.545	14.738	14.742	14.712	14.859
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.441	3.625	3.068	-	3.068	1.842	1.843	1.839	1.857
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance					Modification Number / Title: AA0723 / Comms, Nav Surveillance				
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:							
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, LUH, UAS					Modification Type: New or Improved Operational Capability					Related RDT&E PEs:				
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)		
Procurement														
Modification Item 1 of 9: DGNS (AN/ASN-128D) P3I														
A Kits														
Recurring														
Engineering Change Orders	- / 2.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800		
Data	- / 1.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.712		
Training Equipment	46 / 6.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 6.800		
Systems Engineering	- / 8.930	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.930		
Other - PM Admin	- / 1.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500		
Subtotal: Recurring	46 / 21.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 21.742		
Subtotal: DGNS (AN/ASN-128D) P3I	46 / 21.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 21.742		
Modification Item 2 of 9: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP B-Kit														
B Kits														
Recurring														
Upgraded CDU	450 / 29.759	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 29.759		
Fielding	- / 9.836	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.836		
Systems Eng / Program Management	- / 17.967	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.967		
Subtotal: Recurring	450 / 47.562	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 47.562		
Non-Recurring														
Data / Training	- / 3.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.349		
Aircraft Integration	- / 12.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.335		
Systems Test & Evaluation	- / 15.078	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.078		
Subtotal: Non-Recurring	- / 20.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.762		
Subtotal: DGNS (AN/ASN-128D) CDU/SW Upgrade ECP B-Kit	450 / 68.324	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 68.324		
Modification Item 3 of 9: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP A-Kit														
A Kits														
Recurring														
GPS Anti Jam Antenna	235 / 7.748	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	235 / 7.748		
Systems Engineering / Program Management	- / 12.430	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.430		

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance					Modification Number / Title: AA0723 / Comms, Nav Surveillance			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, LUH, UAS					Modification Type: New or Improved Operational Capability				Related RDT&E PEs:				
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)	
Systems Test & Evaluation	- / 3.930	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.930	
Subtotal: Recurring	235 / 14.108	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	235 / 14.108	
Non-Recurring													
Integration & NRE	- / 1.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.002	
Subtotal: Non-Recurring	- / 1.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.002	
Subtotal: DGNS (AN/ASN-128D) CDU/SW Upgrade ECP A-Kit	235 / 15.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	235 / 15.110	
Modification Item 4 of 9: Embedded GPS Inertial Nav System (EGI) P3I B-Kit													
B Kits													
Recurring													
EGI EAGLE-M Shipsets	131 / 23.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	131 / 23.001	
EGI EAGLE SOA Shipsets	51 / 8.493	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 8.493	
Fielding	- / 1.365	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.365	
Systems Engineering / Program Management	- / 23.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.011	
Subtotal: Recurring	182 / 55.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	182 / 55.870	
Non-Recurring													
Aircraft Integration	- / 10.211	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.211	
Systems Test & Evaluation	- / 7.853	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.853	
Training / Data / Support Equipment	- / 3.553	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.553	
Subtotal: Non-Recurring	- / 21.617	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.617	
Subtotal: Embedded GPS Inertial Nav System (EGI) P3I B-Kit	182 / 77.487	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	182 / 77.487	
Modification Item 5 of 9: Embedded GPS Inertial Nav System (EGI) P3I A-Kit													
A Kits													
Recurring													
GPS Anti Jam Antenna	153 / 11.722	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 11.722	
Systems Engineering / Program Management	- / 5.389	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.389	
Subtotal: Recurring	153 / 17.111	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 17.111	
Non-Recurring													
Aircraft Integration	- / 46.145	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.145	

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance					Modification Number / Title: AA0723 / Comms, Nav Surveillance				
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:							
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, LUH, UAS					Modification Type: New or Improved Operational Capability				Related RDT&E PEs:					
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)		
Systems Test & Evaluation	- / 5.837	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.837		
Productionization	- / 2.074	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.074		
Subtotal: Non-Recurring	- / 54.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 54.056		
Subtotal: Embedded GPS Inertial Nav System (EGI) P3I A-Kit	153 / 71.167	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 71.167		
Modification Item 6 of 9: Aviation Tactical Comm Systems (ATCS) - Alt Comms														
A Kits														
Recurring														
Kit Quantity-A-Kit	415 / 12.956	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	415 / 12.956		
Systems Engineering / Program Management	- / 46.417	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 46.417		
System Test & Evaluation	- / 10.107	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.107		
Training / Data / Support Equipment	- / 1.366	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.366		
Fielding	- / 16.922	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 16.922		
Subtotal: Recurring	415 / 87.768	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	415 / 87.768		
Non-Recurring														
Aircraft Integration	- / 95.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 95.887		
Subtotal: Non-Recurring	- / 95.887	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 95.887		
B Kits														
Recurring														
Kit Quantity-B-Kit (ARC-231) Shipsets	1,230 / 185.502	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,230 / 185.502		
Kit Quantity-B-Kit (ARC201D) Shipsets	777 / 46.465	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	777 / 46.465		
Subtotal: Recurring	2,007 / 231.967	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,007 / 231.967		
Subtotal: Aviation Tactical Comm Systems (ATCS) - Alt Comms	2,422 / 415.622	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,422 / 415.622		
Modification Item 7 of 9: Aviation Tactical Comm Systems (ATCS) - MARS														
A Kits														
Recurring														
Systems Engineering / Program Management	- / 47.420	- / 13.107	- / 13.532	- / 13.038	- / -	- / 13.038	- / 13.041	- / 13.100	- / 13.362	- / 13.630	Continuing	Continuing		
System Test & Evaluation	- / 10.495	- / 2.649	- / 6.412	- / 7.731	- / -	- / 7.731	- / 3.497	- / 6.064	- / 4.378	- / -	- / -	- / 41.226		
Subtotal: Recurring	- / 57.915	- / 15.756	- / 19.944	- / 20.769	- / -	- / 20.769	- / 16.538	- / 19.164	- / 17.740	- / 13.630	Continuing	Continuing		

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance					Modification Number / Title: AA0723 / Comms, Nav Surveillance			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, LUH, UAS					Modification Type: New or Improved Operational Capability				Related RDT&E PEs:				
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)	
Non-Recurring													
SINCGARS NRE	- / 2.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.327	
Aircraft Integration	- / 26.561	- / 4.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 30.852	
Subtotal: Non-Recurring	- / 28.888	- / 4.291	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 33.179	
B Kits													
Recurring													
Kit Shipset B-Kit (ARC-231A) - PIM	26 / 5.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 5.408	
Kit Shipset B-Kit (ARC 231) - Rotable	428 / 55.765	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	428 / 55.765	
Kit Shipset B-Kit (ARC-231A) - GFE	- / -	- / -	148 / 8.290	132 / 9.187	- / -	132 / 9.187	128 / 9.633	139 / 10.879	- / -	- / -	588 / 53.788	1,135 / 91.777	
Kit Shipset B-Kit (ARC-231A) - AMAM	918 / 72.963	545 / 38.783	272 / 15.234	139 / 9.674	- / -	139 / 9.674	- / -	210 / 0.156	150 / 12.166	191 / 16.077	1,310 / 119.835	3,527 / 284.888	
Fielding	- / 8.156	- / 1.151	- / 5.768	- / 4.774	- / -	- / 4.774	- / 2.685	- / 2.767	- / 2.852	- / 4.648	- / 28.193	- / 60.994	
Training/Data	- / 0.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.900	
Software Maintenance	- / -	- / 3.465	- / 23.121	- / 16.123	- / -	- / 16.123	- / 7.439	- / 3.625	- / 3.723	- / 2.469	- / 22.238	- / 82.203	
Subtotal: Recurring	1,372 / 143.192	545 / 43.399	420 / 52.413	271 / 39.758	- / -	271 / 39.758	128 / 19.757	141 / 17.427	150 / 18.741	191 / 23.194	1,898 / 224.054	5,116 / 581.935	
Non-Recurring													
ECP - Non-Recurring	- / 57.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 57.275	
Subtotal: Non-Recurring	- / 57.275	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 57.275	
Subtotal: Aviation Tactical Comm Systems (ATCS) - MARS	1,372 / 287.270	545 / 63.446	420 / 72.357	271 / 60.527	- / -	271 / 60.527	128 / 36.295	141 / 36.591	150 / 36.481	191 / 36.824	Continuing	Continuing	
Modification Item 8 of 9: Airborne Maritime Fixed (AMF-A) Radio Integration													
A Kits													
Recurring													
Kit Quantity - A-Kit - Production Line	148 / 13.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 13.466	
Support Equipment	- / 2.030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.030	
System Test and Evaluation	- / 1.910	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.910	
System Eng/Prog Mgmt (SEPM)	- / 12.074	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.074	
Subtotal: Recurring	148 / 29.480	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 29.480	
Non-Recurring													
NRE Aircraft Integration	- / 18.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.594	
Subtotal: Non-Recurring	- / 18.594	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.594	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance					Modification Number / Title: AA0723 / Comms, Nav Surveillance				
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:							
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, LUH, UAS					Modification Type: New or Improved Operational Capability				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<i>Subtotal: Airborne Maritime Fixed (AMF-A) Radio Integration</i>	148 / 48.074	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 48.074		
Modification Item 9 of 9: Blue Force Tracking-Aviation (BFT-A)														
A Kits														
Recurring														
BFT-A A-Kits (MWO)	2,459 / 29.153	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,459 / 29.153		
BFT-A A Kit Spares	25 / 0.270	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 0.270		
Test / Engineering	- / 4.201	- / 0.267	- / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.518		
Fielding / Training	- / 4.729	- / 0.127	- / 0.028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.884		
Systems Engineering / Program Management	- / 147.358	- / 1.195	- / 0.482	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 149.035		
Misc HW Procurement	- / 13.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.924		
Subtotal: Recurring	2,484 / 89.635	- / 1.589	- / 0.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,484 / 91.784		
Non-Recurring														
NRE-Test / Engineering	- / 4.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.747		
Subtotal: Non-Recurring	- / 4.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.747		
Subtotal: Blue Force Tracking-Aviation (BFT-A)	2,484 / 94.382	- / 1.589	- / 0.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,484 / 96.531		
Subtotal: Procurement, All Modification Items	7,492 / 1,099.178	545 / 65.035	420 / 72.917	271 / 60.527	- / -	271 / 60.527	128 / 36.295	141 / 36.591	150 / 36.481	191 / 36.824	<i>Continuing</i>	<i>Continuing</i>		
Installation														
Modification Item 1 of 9: DGNS (AN/ASN-128D) P3I	46 / 0.296	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.296		
Modification Item 2 of 9: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP B-Kit	450 / 4.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 4.070		
Modification Item 3 of 9: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP A-Kit	235 / 1.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	235 / 1.260		
Modification Item 4 of 9: Embedded GPS Inertial Nav System (EGI) P3I B-Kit	51 / 0.447	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.447		
Modification Item 5 of 9: Embedded GPS Inertial Nav System (EGI) P3I A-Kit	153 / 0.551	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 0.551		
Modification Item 6 of 9: Aviation Tactical Comm Systems (ATCS) - Alt Comms	415 / 19.416	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	415 / 19.416		
Modification Item 7 of 9: Aviation Tactical Comm Systems (ATCS) - MARS	1,124 / 2.078	110 / 0.210	301 / 0.585	420 / 0.835	- / -	420 / 0.835	271 / 0.550	128 / 0.265	141 / 0.298	150 / 0.323	2,227 / 4.872	4,872 / 10.016		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, LUH, UAS **Modification Type:** New or Improved Operational Capability **Related RDT&E PEs:**

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)
Modification Item 9 of 9: Blue Force Tracking-Aviation (BFT-A)	2,209 / 73.638	- / 3.570	8 / 1.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,217 / 78.618
<i>Subtotal: Installation</i>	4,683 / 101.756	110 / 3.780	309 / 1.995	420 / 0.835	- / -	420 / 0.835	271 / 0.550	128 / 0.265	141 / 0.298	150 / 0.323	2,227 / 4.872	8,439 / 114.674
Total												
Total Cost (Procurement + Support + Installation)	1,200.934	68.815	74.912	61.362	-	61.362	36.845	36.856	36.779	37.147	Continuing	Continuing

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 1 of 9: DGNS (AN/ASN-128D) P3I

Manufacturer Information

Manufacturer Name: BAE International Incorporated	Manufacturer Location: Wayne, NJ
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Prototype Assets

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	46 / 0.296	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.296
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	46 / 0.296	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.296

Installation Schedule

PYS	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
Out	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 2 of 9: DGNS (AN/ASN-128D) CDU/SW Upgrade ECP B-Kit

Manufacturer Information

Manufacturer Name: BAE International Incorporated	Manufacturer Location: Wayne, NJ
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Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12
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Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification Work Order (MWO)

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	450 / 4.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 4.070
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	450 / 4.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	450 / 4.070

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	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	450
Out	450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	450

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 9: DGNS (AN/ASN-128D) CDU/SW Upgrade ECP A-Kit

Manufacturer Information

Manufacturer Name: Mayflower Communications, Inc.	Manufacturer Location: Boston, MA
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

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

Installation Information

Method of Implementation: MWO

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	235 / 1.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	235 / 1.260
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	235 / 1.260	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	235 / 1.260

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235
Out	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 4 of 9: Embedded GPS Inertial Nav System (EGI) P3I B-Kit

Manufacturer Information

Manufacturer Name: Honeywell, Incorporated	Manufacturer Location: Clearwater, FL
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

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

Installation Information

Method of Implementation: MWO

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	51 / 0.447	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.447
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	51 / 0.447	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 0.447

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	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
Out	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 5 of 9: Embedded GPS Inertial Nav System (EGI) P3I A-Kit

Manufacturer Information

Manufacturer Name: Mayflower Communications, Inc.	Manufacturer Location: Boston, MA
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

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

Installation Information

Method of Implementation: MWO Installation

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	153 / 0.551	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 0.551
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	153 / 0.551	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	153 / 0.551

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153
Out	153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 6 of 9: Aviation Tactical Comm Systems (ATCS) - Alt Comms

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 10

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

Installation Information

Method of Implementation: Modification Work Order (MWO)

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	415 / 19.416	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	415 / 19.416
FY 2023	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	415 / 19.416	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	415 / 19.416

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	415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415
Out	415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 7 of 9: Aviation Tactical Comm Systems (ATCS) - MARS

Manufacturer Information

Manufacturer Name: BAE	Manufacturer Location: Largo, FL / FT Wayne IN
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Nov 2022	Nov 2023	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028
Delivery Dates	Oct 2023	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029

Installation Information

Method of Implementation: MWO

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,124 / 2.078	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,124 / 2.078
FY 2023	- / -	110 / 0.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 0.210
FY 2024	- / -	- / -	301 / 0.585	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	301 / 0.585
FY 2025	- / -	- / -	- / -	420 / 0.835	- / -	420 / 0.835	- / -	- / -	- / -	- / -	- / -	420 / 0.835
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	271 / 0.550	- / -	- / -	- / -	- / -	271 / 0.550
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	128 / 0.265	- / -	- / -	- / -	128 / 0.265
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	141 / 0.298	- / -	- / -	141 / 0.298
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 0.323	- / -	150 / 0.323
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,227 / 4.872	2,227 / 4.872
Total	1,124 / 2.078	110 / 0.210	301 / 0.585	420 / 0.835	- / -	420 / 0.835	271 / 0.550	128 / 0.265	141 / 0.298	150 / 0.323	2,227 / 4.872	4,872 / 10.016

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1,124	28	28	27	27	76	75	75	75	105	105	105	105	68	68	68	67	32	32	32	32	36	35	35	35	38	38	37	37	2,227	4,872
Out	987	137	28	28	27	27	76	75	75	75	105	105	105	105	68	68	68	67	32	32	32	32	36	35	35	35	38	38	37	2,264	4,872

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army						Date: March 2024	
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance			Modification Number / Title: AA0723 / Comms, Nav Surveillance	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 8 of 9: Airborne Maritime Fixed (AMF-A) Radio Integration							
Manufacturer Information							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Modification Work Order (MWO) - Contractor						Installation Quantity: 0	

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8659AA0723 / Comms, Nav Surveillance	Modification Number / Title: AA0723 / Comms, Nav Surveillance
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 9 of 9: Blue Force Tracking-Aviation (BFT-A)

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (in Months): 1	Production Leadtime (in Months): 12

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

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2,209 / 73.638	0 / 3.570	0 / 1.170	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,209 / 78.378
FY 2023	- / -	- / -	8 / 0.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.240
FY 2024	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2,209 / 73.638	0 / 3.570	8 / 1.410	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,217 / 78.618

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	2,451	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,459
Out	2,293	30	30	30	29	12	12	12	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,459	

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8660A00713 / Degraded Visual Environment
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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>)	82.694	-	16.838	3.839	-	3.839	-	-	-	-	-	103.371
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	82.694	-	16.838	3.839	-	3.839	-	-	-	-	-	103.371
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	82.694	-	16.838	3.839	-	3.839	-	-	-	-	-	103.371

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

System capabilities designed for Degraded Visual Environment (DVE) operations will detect, process information, and warn aircrews of unseen natural and manmade obstacles that are a threat to aircraft during takeoff, enroute, and landing.

DVE Directed Requirement (DR) #1 fielded 15 Degraded Visual Environment Pilotage Systems (DVEPS) providing aviators with a visual representation of the physical environment forward of the aircraft during take-off and landing in brown out conditions.

DR#2 will enable presentation of imagery, synthetic vision, and flight symbology on Army owned Heads-Up, Eyes-Out (HUEO) displays.

The DVE Inc 1 A-CDD will enable rapid prototype delivery of enhanced DVE, Modular Open Systems Approach (MOSA) and Future Airborne Capability Environment (FACE) compliant systems for the enduring fleet while informing system development requirements for the future fleet (FLRAA)

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	16.838	3.839	-	3.839	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	16.838	3.839	-	3.839	-	-	-

Justification:

There were no requirements in FY 2023 supporting the DVE DR 1 efforts.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft		P-1 Line Item Number / Title: 8660A00713 / Degraded Visual Environment
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		
FY 2025 Base procurement dollars in the amount of \$3.831 million will support DVE procurement activities in support of the DVE DR 2 to procure HDTS Material, LWIR Camera Kits, LWIR Camera Video Splitter, LWIR Camera CHU, other PM Admin supporting LWIR Camera and HDTS to complete efforts required for FY 2025 - FY 2029.		
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.		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	106.966	56.807	146.485	224.549	-	224.549	115.076	232.051	110.750	114.456	Continuing	Continuing

Description:

Prior to FY 2021, funding for Aviation ASSURED PNT (Army Navigation Systems) was executed out of Budget Line Item 8659AA0723, Comms, Nav Surveillance.

Assured-Position, Navigation, and Timing (A-PNT) provides Army aviation with unhindered access to trusted Position, Navigation, and Timing information within contested environments. To meet near term APNT modernization requirements, Army Aviation is currently pursuing critical near-term capabilities for the enduring fleet. A-PNT will enable aircrews to access and trust PNT information required to conduct PNT dependent tasks and ultimately provide alternate, contingency, or emergency PNT solutions to allow the aircrew to complete the mission or recover safely. To provide the most robust solution, platform level A-PNT includes layers of assurance such as modernized GPS receivers, improved resiliency functions in GPS receivers, navigation equipment, and anti-jam antenna systems. Alternate capabilities will be investigated, evaluated, and implemented into the Embedded GPS Inertial Navigation System (EGI)/Enhanced Aviation GATM Localizer Performance with Vertical Guidance (LPV) EGI (EAGLE)/EAGLE-M as standalone or blended navigation functions. The implementation will be configurable to accept position, velocity, and time measurements from other PNT solutions.

The Doppler Global Positioning System Navigation Set (DGNS) Upgrade program supports system engineering to reduce space, weight, and power as well as supports current and future Civil Airspace requirements.

EAGLE-M integration and procurement introduces the capability to receive and process the new military code GPS signal security, significantly enhancing A-PNT capability. It supports the requirement to maintain A-PNT throughout operations and requires assessment and follow-on upgrade to the EGI navigation system. EAGLE-M will support future capabilities such as Alternate PNT (ALT-PNT) and additional system upgrades enabling Joint All-Domain Operations (JADO) in contested GPS environments. EAGLE-M enables LPV allowing precision navigation and approach capabilities in the national airspace.

The Multi-platform Anti-jam GPS Navigation Antenna (MAGNA) integration and procurement introduces a GPS anti-jam adaptive antenna system capability that receives legacy and modernized NAVSTAR GPS satellite signals. The MAGNA reduces the effect of GPS jamming by rejecting the interfering signals before they disrupt the GPS receiver enabling the Warfighter continued access to GPS-provided Position, Navigation, and Timing (PNT) in a GPS degraded environment.

This exhibit is for a budget line that procures multiple items and does not have a single Army Acquisition Objective.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army							Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft					P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT					
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										

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	36.462	37.061	38.099	-	38.099	32.332	32.343	32.276	32.599
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.517	26.953	27.610	-	27.610	23.428	23.436	23.387	23.622
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.315	3.369	3.452	-	3.452	2.929	2.930	2.924	2.953
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 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	A01006 / Aviation ASSURED PNT (New or Improved Operational Capability)				- / 99.371	- / 66.294	- / 67.383	- / 69.161	- / -	- / 69.161
P-40	Total Gross/Weapon System Cost				- / 99.371	- / 66.294	- / 67.383	- / 69.161	- / -	- / 69.161

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	A01006 / Aviation ASSURED PNT (New or Improved Operational Capability)				- / 58.689	- / 58.709	- / 58.587	- / 59.174	Continuing	Continuing
P-40	Total Gross/Weapon System Cost				- / 58.689	- / 58.709	- / 58.587	- / 59.174	Continuing	Continuing

*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 Base Procurement dollars in the amount of \$41.110 million supports the integration, production, and installation of EAGLE-M for multiple aircraft platforms. There are currently three configurations of EAGLE-M that will be procured that each have varying unit costs. This line also supports product integration at the platform level, of which each platform cost will vary. Further, this line funds the procurement of retrofit kits which enables realized cost savings utilizing legacy EGIs/EAGLEs from the enduring fleet.

FY 2025 Base Procurement dollars in the amount of \$28.051 million supports the integration, procurement, and installation of MAGNA B Kits. This line also funds A-Kit integration and procurement for this product which cost can vary by platform due to individual platform requirements. Costs for MAGNA B Kits is based on the quantity that are being procured.

Any reductions in funding would delay fielding of critical A-PNT requirements resulting in inability to operate in a GPS degraded/denied environment.

EAGLE-M procurement requires US Space Force M-Code Security Software. Space Force program delays postponed platform integration. Platform integration activities have converged in FY 2024 and FY 2025, escalating platform integration costs. Separately, cost model updates more accurately capture cost inflation and EAGLE-M retrofit pricing, escalating overall EAGLE-M procurement costs. Finally, retrofit and new build EAGLE-M quantities have been updated to meet platform requirements.

System Test and Evaluation activities past FY 2024 are delineated as non-recurring costs.

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

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT	Modification Number / Title: A01006 / Aviation ASSURED PNT

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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>)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing

(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 Thousands</i>)	106.966	56.807	146.485	224.549	-	224.549	115.076	232.051	110.750	114.456	Continuing	Continuing

Description:

Prior to FY 2021, funding for Aviation ASSURED PNT (Army Navigation Systems) was executed out of Budget Line Item 8659AA0723, Comms, Nav Surveillance.

Assured-Position, Navigation, and Timing (A-PNT) provides Army aviation with unhindered access to trusted Position, Navigation, and Timing (PNT) information within contested environments. To meet near term A-PNT modernization requirements, Army Aviation is currently pursuing critical near-term capabilities for the enduring fleet. A-PNT will enable aircrews to access and trust PNT information required to conduct PNT dependent tasks and ultimately provide alternate, contingency, or emergency PNT solutions to allow the aircrew to complete the mission or recover safely. To provide the most robust solution, platform level A-PNT includes layers of assurance such as modernized Global Navigation Satellite System (GNSS) GPS receivers, improved resiliency functions in GPS receivers, navigation equipment, and anti-jam antenna systems. Alternate capabilities (non-GPS) and/or complimentary PNT solutions will be investigated, evaluated, and implemented as standalone or blended navigation functions. The implementation will be configurable to accept position, velocity, and time measurements from other PNT solutions.

The Doppler Global Positioning System Navigation Set (DGNS) Upgrade program supports system engineering to reduce space, weight, and power as well as supports current and future Civil Airspace requirements.

Embedded GPS Inertial Navigation System (EGI)/Enhanced Aviation GATM Localizer Performance with Vertical Guidance (LPV) EGI (EAGLE)/EAGLE-M integration and procurement introduce the capability to receive and process the new military code (M-Code) GPS signal security, significantly enhancing A-PNT capability. It supports the requirement to maintain A-PNT throughout operations and requires assessment and follow-on upgrade to the EGI navigation system. EAGLE-M will support future capabilities such as Alternate PNT (ALT-PNT) and additional system upgrades enabling Joint All-Domain Operations (JADO) in contested GPS environments. EAGLE-M enables LPV allowing precision navigation and approach capabilities in both civil and military airspace.

The Multi-platform Anti-jam GPS Navigation Antenna (MAGNA) integration and procurement introduces a GPS anti-jam adaptive antenna system capability that receives legacy and modernized NAVSTAR GPS satellite signals. The MAGNA reduces the effect of GPS jamming by rejecting the interfering signals before they disrupt the GPS receiver enabling the Warfighter continued access to GPS-provided Position, Navigation, and Timing (PNT) in a GPS degraded environment.

This exhibit is for a budget line that procures multiple items and does not have a single Army Acquisition Objective.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	36.462	37.061	38.099	-	38.099	32.332	32.343	32.276	32.599

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT	Modification Number / Title: A01006 / Aviation ASSURED PNT
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.517	26.953	27.610	-	27.610	23.428	23.436	23.387	23.622
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.315	3.369	3.452	-	3.452	2.929	2.930	2.924	2.953
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174

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Exhibit P-3a, Individual Modification: PB 2025 Army										Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10					P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT					Modification Number / Title: A01006 / Aviation ASSURED PNT			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH/HH-60A/L/V, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, FW, UAS					Modification Type: New or Improved Operational Capability				Related RDT&E PEs:				
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)	
Procurement													
Modification Item 1 of 3: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP B-Kit													
B Kits													
Recurring													
Fielding	- / 2.623	- / 0.870	- / 0.203	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.696	
Shared Services	- / 1.233	- / 0.429	- / 0.205	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.867	
Subtotal: Recurring	- / 3.856	- / 1.299	- / 0.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.563	
Non-Recurring													
System Test & Evaluation	- / 0.926	- / 0.083	- / 0.085	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.094	
Subtotal: Non-Recurring	- / 0.926	- / 0.083	- / 0.085	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.094	
Subtotal: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP B-Kit	- / 4.782	- / 1.382	- / 0.493	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.657	
Modification Item 2 of 3: MAGNA - GPS Anti Jam Antenna													
A Kits													
Recurring													
MAGNA - A-Kits	415 / 5.178	450 / 2.510	503 / 2.758	269 / 3.376	- / -	269 / 3.376	229 / 2.939	296 / 4.234	289 / 4.290	277 / 4.310	1,140 / 20.096	3,868 / 49.691	
Subtotal: Recurring	415 / 5.178	450 / 2.510	503 / 2.758	269 / 3.376	- / -	269 / 3.376	229 / 2.939	296 / 4.234	289 / 4.290	277 / 4.310	1,140 / 20.096	3,868 / 49.691	
B Kits													
Recurring													
MAGNA - GPS Anti Jam Antenna	407 / 12.767	455 / 14.202	190 / 6.867	136 / 5.167	- / -	136 / 5.167	91 / 3.462	136 / 5.182	136 / 5.191	182 / 6.323	2,135 / 114.504	3,868 / 173.665	
Systems Test & Eval	- / 1.487	- / 1.536	- / 1.396	- / 4.836	- / -	- / 4.836	- / 3.647	- / 5.107	- / 6.259	- / 5.516	Continuing	Continuing	
Shared Services	- / 5.850	- / 4.101	- / 3.466	- / 4.125	- / -	- / 4.125	- / 4.288	- / 4.453	- / 4.623	- / 4.623	Continuing	Continuing	
MAGNA - Spares	37 / 1.158	45 / 1.227	20 / 0.566	14 / 0.479	- / -	14 / 0.479	9 / 0.321	14 / 0.479	14 / 0.479	18 / 0.578	259 / 13.891	430 / 19.178	
Subtotal: Recurring	444 / 21.262	500 / 21.066	210 / 12.295	150 / 14.607	- / -	150 / 14.607	100 / 11.718	150 / 15.221	150 / 16.552	200 / 17.040	Continuing	Continuing	
Non-Recurring													
Aircraft Integration	- / 14.944	- / 3.627	- / 5.909	- / 3.571	- / -	- / 3.571	- / 3.634	- / 3.568	- / 3.032	- / 2.354	Continuing	Continuing	
Subtotal: Non-Recurring	- / 14.944	- / 3.627	- / 5.909	- / 3.571	- / -	- / 3.571	- / 3.634	- / 3.568	- / 3.032	- / 2.354	Continuing	Continuing	
Subtotal: MAGNA - GPS Anti Jam Antenna	859 / 41.384	950 / 27.203	713 / 20.962	419 / 21.554	- / -	419 / 21.554	329 / 18.291	446 / 23.023	439 / 23.874	477 / 23.704	Continuing	Continuing	

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Exhibit P-3a, Individual Modification: PB 2025 Army											Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10				P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT					Modification Number / Title: A01006 / Aviation ASSURED PNT				
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: UH/HH-60A/L/V, UH/HH/MH-60M, CH-47D, CH/MH-47F, AH-64D/E, FW, UAS				Modification Type: New or Improved Operational Capability				Related RDT&E PEs:					
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)	
Modification Item 3 of 3: Embedded GPS Inertial Nav System (EGI) EAGLE-M B Kit													
B Kits													
Recurring													
EGI EAGLE-M	469 / 6.046	217 / 17.441	171 / 18.578	117 / 11.664	- / -	117 / 11.664	- / -	- / -	- / -	- / -	- / -	974 / 53.729	
EAGLE M Retrofit	- / -	- / 1.803	56 / 3.621	69 / 5.648	- / -	69 / 5.648	196 / 16.654	207 / 17.627	187 / 14.815	197 / 17.335	Continuing	Continuing	
Shared Services	- / 8.761	- / 4.522	- / 5.109	- / 5.282	- / -	- / 5.282	- / 5.529	- / 5.948	- / 6.511	- / 7.081	Continuing	Continuing	
EAGLE-M Spares New	62 / 0.910	24 / 1.838	17 / 1.875	12 / 1.219	- / -	12 / 1.219	- / -	- / -	- / -	- / -	- / -	115 / 5.842	
EAGLE-M Spares Retrofit	- / -	- / 0.098	6 / 0.300	7 / 0.559	- / -	7 / 0.559	22 / 1.841	23 / 1.945	19 / 1.638	22 / 1.925	Continuing	Continuing	
System Test and Eval	- / 4.110	- / 4.136	- / 4.096	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing	
Subtotal: Recurring	531 / 19.827	241 / 29.838	250 / 33.579	205 / 24.372	- / -	205 / 24.372	218 / 24.024	230 / 25.520	206 / 22.964	219 / 26.341	Continuing	Continuing	
Non-Recurring													
Aircraft Integration	- / 33.235	- / 4.258	- / 7.927	- / 8.879	- / -	- / 8.879	- / 5.750	- / 1.938	- / 3.510	- / 1.139	Continuing	Continuing	
System Test and Eval	- / -	- / -	- / -	- / 6.760	- / -	- / 6.760	- / 3.723	- / 0.158	- / 0.151	- / 0.164	Continuing	Continuing	
Subtotal: Non-Recurring	- / 33.235	- / 4.258	- / 7.927	- / 15.639	- / -	- / 15.639	- / 9.473	- / 2.096	- / 3.661	- / 1.303	Continuing	Continuing	
Subtotal: Embedded GPS Inertial Nav System (EGI) EAGLE-M B Kit	531 / 53.062	241 / 34.096	250 / 41.506	205 / 40.011	- / -	205 / 40.011	218 / 33.497	230 / 27.616	206 / 26.625	219 / 27.644	Continuing	Continuing	
Subtotal: Procurement, All Modification Items	1,390 / 99.228	1,191 / 62.681	963 / 62.961	624 / 61.565	- / -	624 / 61.565	547 / 51.788	676 / 50.639	645 / 50.499	696 / 51.348	Continuing	Continuing	
Installation													
Modification Item 2 of 3: MAGNA - GPS Anti Jam Antenna	- / -	243 / 3.508	455 / 4.001	190 / 6.497	- / -	190 / 6.497	269 / 5.647	229 / 7.453	296 / 7.429	289 / 7.270	2,336 / 66.571	4,307 / 108.376	
Modification Item 3 of 3: Embedded GPS Inertial Nav System (EGI) EAGLE-M B Kit	- / 0.143	- / 0.105	130 / 0.421	316 / 1.099	- / -	316 / 1.099	353 / 1.254	170 / 0.617	178 / 0.659	147 / 0.556	4,188 / 18.161	5,482 / 23.015	
Subtotal: Installation	- / 0.143	243 / 3.613	585 / 4.422	506 / 7.596	- / -	506 / 7.596	622 / 6.901	399 / 8.070	474 / 8.088	436 / 7.826	6,524 / 84.732	9,789 / 131.391	
Total													
Total Cost (Procurement + Support + Installation)	99.371	66.294	67.383	69.161	-	69.161	58.689	58.709	58.587	59.174	Continuing	Continuing	

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2025 Army					Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10			P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT			Modification Number / Title: A01006 / Aviation ASSURED PNT	
ID Code (A=Service Ready, B=Not Service Ready) :				MDAP/MAIS Code:			
Modification Item 1 of 3: DGNS (AN/ASN-128D) CDU/ SW Upgrade ECP B-Kit							
Manufacturer Information							
Manufacturer Name: BAE International Incorporated				Manufacturer Location: Wayne, NJ			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates							
Delivery Dates							
Installation Information							
Method of Implementation (Organic): Modification Work Order (MWO)					Installation Quantity: 0		

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT	Modification Number / Title: A01006 / Aviation ASSURED PNT
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 2 of 3: MAGNA - GPS Anti Jam Antenna

Manufacturer Information

Manufacturer Name: Mayflower Communications, Inc	Manufacturer Location: Bedford, MA
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025	Dec 2026		
Delivery Dates	Nov 2023	Nov 2024	Nov 2025	Nov 2026	Nov 2027		

Installation Information

Method of Implementation: MWO

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	- / -	180 / 2.803	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / 2.803
FY 2023	- / -	63 / 0.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 0.705
FY 2024	- / -	- / -	455 / 4.001	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	455 / 4.001
FY 2025	- / -	- / -	- / -	190 / 6.497	- / -	190 / 6.497	- / -	- / -	- / -	- / -	- / -	190 / 6.497
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	269 / 5.647	- / -	- / -	- / -	- / -	269 / 5.647
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	229 / 7.453	- / -	- / -	- / -	229 / 7.453
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	296 / 7.429	- / -	- / -	296 / 7.429
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	289 / 7.270	- / -	289 / 7.270
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,336 / 66.571	2,336 / 66.571
Total	- / -	243 / 3.508	455 / 4.001	190 / 6.497	- / -	190 / 6.497	269 / 5.647	229 / 7.453	296 / 7.429	289 / 7.270	2,336 / 66.571	4,307 / 108.376

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	244	50	50	50	50	125	125	125	125	47	47	48	48	67	67	67	68	57	57	57	58	74	74	74	74	72	72	72	73	2,081	4,298
Out	194	50	50	50	50	50	125	125	125	125	47	47	48	48	67	67	67	68	57	57	57	58	74	74	74	74	72	72	72	2,154	4,298

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: 8662A01006 / Aviation ASSURED PNT	Modification Number / Title: A01006 / Aviation ASSURED PNT
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Modification Item 3 of 3: Embedded GPS Inertial Nav System (EGI) EAGLE-M B Kit

Manufacturer Information

Manufacturer Name: Honeywell, Incorporated	Manufacturer Location: Clearwater, FL
Administrative Leadtime (in Months): 2	Production Leadtime (in Months): 12

Dates	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Contract Dates	Dec 2022	Dec 2023	Dec 2024	Dec 2025			
Delivery Dates	Nov 2023	Nov 2024	Nov 2025	Nov 2026			

Installation Information

Method of Implementation: MWO

Installation Cost	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.143	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.143
FY 2023	- / -	0 / 0.105	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.105
FY 2024	- / -	- / -	130 / 0.421	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / 0.421
FY 2025	- / -	- / -	- / -	316 / 1.099	- / -	316 / 1.099	- / -	- / -	- / -	- / -	- / -	316 / 1.099
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	353 / 1.254	- / -	- / -	- / -	- / -	353 / 1.254
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	170 / 0.617	- / -	- / -	- / -	170 / 0.617
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	178 / 0.659	- / -	- / -	178 / 0.659
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 0.556	- / -	147 / 0.556
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,188 / 18.161	4,188 / 18.161
Total	0 / 0.143	0 / 0.105	130 / 0.421	316 / 1.099	- / -	316 / 1.099	353 / 1.254	170 / 0.617	178 / 0.659	147 / 0.556	4,188 / 18.161	5,482 / 23.015

Installation Schedule

	PYS	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	5	54	54	55	54	79	79	79	79	89	88	88	88	43	42	43	42	44	45	44	45	36	37	37	37	4,096	5,482
Out	-	-	-	-	-	5	54	54	55	54	79	79	79	79	89	88	88	88	43	42	43	42	44	45	44	45	36	37	37	4,133	5,482

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8859AA0711 / GATM Rollup
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	794.256	14.683	8.924	4.842	-	4.842	4.883	-	-	-	-	827.588
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	794.256	14.683	8.924	4.842	-	4.842	4.883	-	-	-	-	827.588
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	794.256	14.683	8.924	4.842	-	4.842	4.883	-	-	-	-	827.588

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Global Air Traffic Management (GATM) provides the equipment, training, and procedures mandated by Civilian Air Traffic Control (ATC) authorities in order to operate within 21st century airspace. GATM requirements are driven by civil aviation authorities and are not under DoD control. Meeting the worldwide GATM requirement will entail the upgrade and procurement of the Common Transponder (CXP) for rotary wing and Unmanned Aircraft System fleets.

GATM provides Army aircraft with improved capabilities to allow them to continue to operate in civil controlled airspace. Identification Friend or Foe (IFF) Mode 5 provides enhanced security and greatly improved performance and also improves compatibility with civil Air Traffic Control by providing less interference. GATM is also necessary since Europe currently mandates Mode S, a Secondary Surveillance Radar process, and plans expansion of the ability for Air Traffic Controllers to communicate with more aircraft in controlled airspace in high volume traffic areas. Army aircraft will not be allowed to transit through or operate in European airspace affected by these mandates unless the necessary GATM upgrades are made. Benefits of GATM include allowing for operations in worldwide civil controlled airspace and improving safety and operational efficiency while meeting emerging security requirements.

Meeting worldwide GATM requirements for rotary wing and Uncrewed Aircraft System (UAS) fleets will entail the upgrading of some existing avionics and the procurement of new systems. The GATM program includes the Alt Comms and Multi-Mode Aviation Radio Set programs, the Common Transponder (CXP) Programs, the Embedded GPS Inertial (EGI) Navigation Systems, and aircraft Flight Management Systems. These systems will provide Army aircraft with improved capabilities to allow them to continue to operate in civil controlled airspace as well as to operate in European controlled airspace. Funding for the EGI Navigation Systems transitioned to the Aviation Assured PNT line, Line Item Number 8662A01006, in FY 2021.

APX-123A will NOT be produced by industry in FY 2025 and beyond. A buyout of transponders will be required to support the UH-60M production line. Next Generation Transponder options are being explored.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.076	4.932	2.658	-	2.658	2.680	-	-
ANG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.873	3.548	1.942	-	1.942	1.959	-	-

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 8859AA0711 / GATM Rollup
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.734	0.444	0.242	-	0.242	0.244	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	14.683	8.924	4.842	-	4.842	4.883	-	-	-

Justification:
 FY 2025 Base Procurement dollars for \$4.842 million supports Common Transponder APX-123A B-Kit integration. The GATM Common Transponder is on track to reach the AAO of 3,985. APX-123A will NOT be produced by industry in FY 2025 and beyond.

FY 2025-FY 2026 The APX-123A has an 18-month ARO, so funds are required in FY 2025 and FY 2026 to continue fielding. Additionally, in FY 2025 and FY 2026, a small software update is required to achieve full AIMS compliance on the UH-60L fleet.

Recurring non-production costs support production line supply management, post-delivery modifications tied to National Security Agency requirements for transponder hardware, upgrades and conversions of legacy transponder systems, and transition to sustainment of prior legacy transponder system.

B-Kit unit cost varies between years due to contract inflation adjustments and economic order quantity discounts. Integration costs for this system vary by platform and by fiscal year due to individual platform requirements.

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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	P-1 Line Item Number / Title: 9556A01002 / UAS MODS
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 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>)	650	0	14	14	-	14	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	93.143	-	2.258	2.265	-	2.265	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	93.143	-	2.258	2.265	-	2.265	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	93.143	-	2.258	2.265	-	2.265	-	-	-	-	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The One System Remote Video Terminal (OSRVT) Increment II consists of a base system with Remote Operations Video Enhanced Receiver (ROVER) 6 and 6S transceiver, tablet computer, Antennas, Type I encryption, Ku-Directional Antennas (KuDA) with an On-The-Move (OTM) capable variant, and an extended range Mobile Directional Antennas System (MDAS). OSRVT is a kit integrated with the ROVER 6 and upgraded ROVER 6S (R6S) transceiver that provides full motion video and telemetry data from multiple unmanned platforms: Gray Eagle, Shadow, Raven, Puma, Predator, Reaper, other UAS and crewed platforms [Apache, Fixed Wing, Litening/Sniper Pods]. Software supports decoding Telemetry Data from multiple Manned/Unmanned Aircraft Systems, provides Electro-Optical (EO)/Infrared (IR) payload control, and supports off-target calculations. In 1QFY24, the OSRVT began fielding the R6S variant to meet new spectrum frequency requirements and the system also includes a Soldier Portable OSRVT (SPOT) variant for dismounted users consisting of a wearable tablet computer and a Tactical Net ROVER 2 Encrypted (TNR 2E) transceiver. OSRVT supports current operations and future UAS (Launched Effects, Scalable Control Interface, and Future Tactical Uncrewed Aircraft System) requirements. The OSRVT MODS APE A000121000, began in FY 2017. Prior to FY 2017, OSRVT Procurement funds were provided via the SHADOW MODS APE A00018000.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	14	14	-	14	-	-	-	-
Total Obligation Authority	-	2.258	2.265	-	2.265	-	-	-	-
Total:									
Secondary Distribution									
Quantity	-	14	14	-	14	-	-	-	-
Total Obligation Authority	-	2.258	2.265	-	2.265	-	-	-	-

Justification:

FY 2025 Base funding continues to provide for equipping new Multi-Domain Effects Battalions (MDEBs) with the newly upgraded ROVER 6S OSRVT systems. The ROVER 6S upgrade meets new spectrum requirements that maintain interoperability with UAS and manned aircraft.

In accordance with 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 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft		P-1 Line Item Number / Title: 9556A01002 / UAS MODS
ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

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

Appropriation / Budget Activity / Budget Sub Activity:
 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA
 10: Ground Support Avionics

P-1 Line Item Number / Title:
 3632AZ3504 / Aircraft Survivability Equipment

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>)	956.538	167.927	161.731	139.331	-	139.331	132.874	133.136	104.669	105.718	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	11.565	-	-	-	-	-	-	-	-	-	-	11.565
Net Procurement (P-1) (<i>\$ in Millions</i>)	944.973	167.927	161.731	139.331	-	139.331	132.874	133.136	104.669	105.718	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	11.565	-	-	-	-	-	-	-	-	-	-	11.565
Total Obligation Authority (<i>\$ in Millions</i>)	956.538	167.927	161.731	139.331	-	139.331	132.874	133.136	104.669	105.718	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This funding line is a key enabler of the Future Long-Range Assault Aircraft (FLRAA) platform.

The Aircraft Survivability Equipment (ASE) budget line includes ASE Laser Countermeasures (AZ3508) and ASE Radio Frequency Countermeasures (AZ3511).

AZ3508 ASE Laser CM

Army Procurement Objective (APO) = 1,988 (APO based on B-Kits)

APO Ref: Approval of the Army Acquisition Objective /Army Procurement Objective Change Request Decision 25 Apr 2022

The AN/AVR-2B Laser Detecting Set (LDS) installed on Army rotary-wing aircraft passively detects laser-aided weapons targeting the aircraft and alerts aircrews, allowing them to engage the threat or maneuver to break the targeting. The system detects aircraft illumination by laser rangefinders, laser target designators, and laser beam rider surface-to-air missiles. The system provides the aircrew visual and aural warnings prioritized by threat lethality using 360 degree azimuth and 90 degree elevation field of view coverage. AN/AVR-2B is part of the suite of ASE mission equipment for FVL platforms.

AZ3511 Radio Frequency CM

APO D(V)2 = 120 (APO based on B-Kits)

APO E(V)2 = 1,988 (APO based on B-Kits)

APO Ref: Approval of the Army Acquisition Objective /Army Procurement Objective Change Request Decision 25 Apr 2022

The objective of ASE Development project is to improve Radio Frequency (RF) ASE for Army aviation. The APR-39 Radar Warning Receiver (RWR) detects, categorizes, and prioritizes RF emitters and provides a visual / aural alert to aircrew members warning them of targeting by RF-guided weapons. The Milestone Decision Authority (MDA) approved Phases 1 and 2 of a 3-phased path forward.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Phase 1, APR-39C(V)1/4, serves as an obsolescence / sustainment upgrade to the Processor Line Replaceable Unit (LRU) of APR-39A(V) RWR implemented to ensure that the currently fielded system remains viable until affordable improved RF ASE capability can be pursued in Phases 2 and 3.

Phase 2A, RWR Modernization begins by adopting the United States Navy APR-39D(V)2 system. APR-39D(V)2 will significantly improve the RF threat coverage, automatic detection and identification of threat types, bearing and lethality. Phase 2B, the APR-39E(V)2 Modernized Radar Warning Receiver (MRWR), is an Army Engineering Change Proposal (ECP) to APR-39D(V)2, approved in the Acquisition Decision Memorandum (ADM) signed June 24, 2019. This ECP will implement enhanced hardware and software upgrades to keep APR-39 technically relevant against new and emerging agile threats. APR-39E(V)2 is part of the suite of ASE mission equipment for the FVL platforms

Phase 3 adds active Radio Frequency Electronic Countermeasures (RF-ECM) capability for selected aircraft with Material Development Decision (MDD) planned in the future.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	167.927	161.731	139.331	-	139.331	132.874	133.136	104.669	105.718
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	167.927	161.731	139.331	-	139.331	132.874	133.136	104.669	105.718

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics
P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment

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-5	AZ3508 / ASE Laser CM	P-5a, P-21			- / 464.246	- / 9.044	- / 15.715	- / 21.399	- / -	- / 21.399
P-5	AZ3511 / Radio Frequency CM	P-5a, P-21			- / 492.292	- / 158.883	- / 146.016	- / 117.932	- / -	- / 117.932
P-40	Total Gross/Weapon System Cost				- / 956.538	- / 167.927	- / 161.731	- / 139.331	- / -	- / 139.331

*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 Base Procurement dollars in the amount of \$21.399 million supports ASE Laser (AZ3508) funds training, technical support, government management, procurement of A-Kits (86) and installation of (83) CH-47F A-Kits on Rotary Wing aircraft in support of required operational capabilities and integration of AN/AVR-2B LDS with other ASE systems.

 FY 2025 Base Procurement dollars in the amount of \$117.932 million supports Radio Frequency CM (AZ3511) funds procuring (48) APR-39E(V)2 A Kits, (24) APR-39E(V)2 B-Kits, spares, systems engineering support, mission data set (MDS), training, fielding, and government management.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10 **P-1 Line Item Number / Title:** 3632AZ3504 / Aircraft Survivability Equipment **Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

ID Code (A=Service Ready, B=Not Service Ready) : **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)	464.246	9.044	15.715	21.399	-	21.399
Less PY Advance Procurement (\$ in Millions)	11.565	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	452.681	9.044	15.715	21.399	-	21.399
Plus CY Advance Procurement (\$ in Millions)	11.565	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	464.246	9.044	15.715	21.399	-	21.399

(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 Thousands)	-	-	-	-	-	-

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Non Recurring Engineering (A-Kit)	-	-	13.688	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit Procurement ^(†)	42.382	1,113	47.171	97.667	30	2.930	82.289	83	6.830	86.000	86	7.396	-	-	-	86.000	86	7.396
A-Kit Installation UH-60L	74.568	760	56.672	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit filters	-	-	18.529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-Kit Procurement	146.928	1,332	195.708	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Systems Engineering	-	-	20.582	-	-	0.310	-	-	0.415	-	-	0.582	-	-	-	-	-	0.582
Program Management	-	-	17.983	-	-	0.550	-	-	0.615	-	-	0.540	-	-	-	-	-	0.540
Prime Contractor Prgm Mgt / Engr Spt	-	-	7.228	-	-	0.594	-	-	0.532	-	-	1.002	-	-	-	-	-	1.002
Software	-	-	9.936	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes	-	-	0.638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Systems Test and Evaluation	-	-	29.387	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training / Logistics	-	-	25.468	-	-	1.353	-	-	1.902	-	-	-	-	-	-	-	-	-
Depot / Field Support	-	-	6.938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding	-	-	2.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Procurement	-	-	0.218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit Installation CH-47F	97.114	88	8.546	82.675	40	3.307	98.200	40	3.928	100.892	83	8.374	-	-	-	100.892	83	8.374

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Tech Support	-	-	1.979	-	-	-	-	-	1.493	-	-	2.735	-	-	-	-	-	2.735
Data- Threat Analysis	-	-	0.675	-	-	-	-	-	-	-	-	0.770	-	-	-	-	-	0.770
<i>Subtotal: Recurring Cost</i>	-	-	464.246	-	-	9.044	-	-	15.715	-	-	21.399	-	-	-	-	-	21.399
<i>Subtotal: Flyaway Cost</i>	-	-	464.246	-	-	9.044	-	-	15.715	-	-	21.399	-	-	-	-	-	21.399
Gross/Weapon System Cost	-	-	464.246	-	-	9.044	-	-	15.715	-	-	21.399	-	-	-	-	-	21.399

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	9.044	15.715	21.399	-	21.399
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	9.044	15.715	21.399	-	21.399

(†) indicates the presence of a P-5a

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
A-Kit Procurement ^(†)		2017	Prototype Integration Facility / Redstone Arsenal, AL	C / CPFF	ACC, Redstone Arsenal, AL	Mar 2017	Dec 2017	125	43.980	N		
A-Kit Procurement ^(†)		2023	Prototype Integration Facility / Redstone Arsenal, AL	C / CPFF	Redstone Arsenal, AL	May 2023	Aug 2024	30	97.667	N		
A-Kit Procurement ^(†)		2024	Prototype Integration Facility / Redstone Arsenal, AL	C / CPFF	Redstone Arsenal, AL	Sep 2024	Sep 2025	83	82.289	N		
A-Kit Procurement ^(†)		2025	Prototype Integration Facility / Redstone Arsenal, AL	C / CPFF	Redstone Arsenal, AL	Sep 2025	Sep 2026	86	86.000	N		

^(†) indicates the presence of a P-21

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10 **P-1 Line Item Number / Title:** 3632AZ3504 / Aircraft Survivability Equipment **Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2019												Fiscal Year 2020												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019												Calendar Year 2020												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
A-Kit Procurement																															
Prior Years Deliveries: 988																															
1		2017	ARMY	125	125	0																							0		
1		2023	ARMY	30	0	30																							30		
1		2024	ARMY	83	0	83																							83		
1		2025	ARMY	86	0	86																							86		

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM
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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	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
A-Kit Procurement																															
Prior Years Deliveries: 988																															
	1	2017	ARMY	125	125	0																								0	
	1	2023	ARMY	30	0	30																								30	
	1	2024	ARMY	83	0	83																								83	
	1	2025	ARMY	86	0	86																								86	

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												B A L A N C E	
O C 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
A-Kit Procurement																															
Prior Years Deliveries: 988																															
	1	2017	ARMY	125	125	0																								0	
	1	2023	ARMY	30	0	30																								20	
	1	2024	ARMY	83	0	83																								83	
	1	2025	ARMY	86	0	86																								86	

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10 **P-1 Line Item Number / Title:** 3632AZ3504 / Aircraft Survivability Equipment **Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025												Fiscal Year 2026												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	Calendar Year 2025												Calendar Year 2026												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
A-Kit Procurement																															
Prior Years Deliveries: 988																															
1		2017	ARMY	125	125	0																							0		
1		2023	ARMY	30	10	20	5	5	5	5																			0		
1		2024	ARMY	83	0	83	-	-	-	-	-	-	-	-	-	-	10	10	10	10	10	10	10	10	13				0		
1		2025	ARMY	86	0	86											A	-	-	-	-	-	-	-	-	-	-	10	76		
							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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10 **P-1 Line Item Number / Title:** 3632AZ3504 / Aircraft Survivability Equipment **Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027												Fiscal Year 2028												BALANCE	
O C C #	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
A-Kit Procurement																															
Prior Years Deliveries: 988																															
1		2017	ARMY	125	125	0																							0		
1		2023	ARMY	30	30	0																							0		
1		2024	ARMY	83	83	0																							0		
1		2025	ARMY	86	10	76	10	10	10	10	10	10	10	6															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 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM
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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	Prototype Integration Facility - Redstone Arsenal, AL	12	240	600	0	0	0	0	0	0	0	0	0

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

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Exhibit P-5, Cost Analysis: PB 2025 Army						Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10			P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment			Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM		
ID Code (A=Service Ready, B=Not Service Ready) :				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)			492.292	158.883	146.016	117.932	-	117.932
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			492.292	158.883	146.016	117.932	-	117.932
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			492.292	158.883	146.016	117.932	-	117.932
<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 Thousands)			-	3,310.063	3,042.000	4,913.833	-	4,913.833

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Non Recurring Cost																		
A-Kit NRE	-	-	128.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATR-Reprogramming	-	-	42.341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	<i>171.231</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	<i>171.231</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware Cost																		
Recurring Cost																		
A-Kit Procurement ^(†)	120.098	82	9.848	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit Installs	244.405	37	9.043	233.333	12	2.800	250.000	12	3.000	-	-	-	-	-	-	-	-	-
B-Kit Procurement ^(†)	438.966	89	39.068	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Replacement Flight Line Test Sets	-	-	9.169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retrofit	-	-	3.221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-Kit Spares	-	-	4.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D(V)2 Integration Assets	889.450	20	17.789	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit Procurement EV2	-	-	-	-	-	-	145.813	48	6.999	149.000	48	7.152	-	-	-	149.000	48	7.152
B-Kit Procurement EV2 ^(†)	-	-	-	1,800.000	48	86.400	1,863.479	48	89.447	2,210.000	24	53.040	-	-	-	2,210.000	24	53.040
B-Kit Spares EV2	-	-	-	-	-	12.029	-	-	8.891	-	-	4.420	-	-	-	-	-	4.420

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	92.238	-	-	101.229	-	-	108.337	-	-	64.612	-	-	-	-	-	64.612
Non Recurring Cost																		
System Test and Evaluation	-	-	29.604	-	-	3.571	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	24.548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Technology Insertion/ Hardware parts	-	-	0.601	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Withhold	-	-	1.652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	56.405	-	-	3.571	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	148.643	-	-	104.800	-	-	108.337	-	-	64.612	-	-	-	-	-	64.612
Software Cost																		
Non Recurring Cost																		
Mission Data Set (MDS)	-	-	23.711	-	-	6.362	-	-	5.774	-	-	6.762	-	-	-	-	-	6.762
Other Software Sustainment	-	-	26.958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Integration Lab (SIL) and RF Threat Generation	-	-	19.153	-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	69.822	-	-	8.862	-	-	5.774	-	-	6.762	-	-	-	-	-	6.762
<i>Subtotal: Software Cost</i>	-	-	69.822	-	-	8.862	-	-	5.774	-	-	6.762	-	-	-	-	-	6.762
Logistics Cost																		
Recurring Cost																		
Training	-	-	1.227	-	-	1.388	-	-	3.714	-	-	3.788	-	-	-	-	-	3.788
Fielding	-	-	8.132	-	-	10.212	-	-	11.573	-	-	13.746	-	-	-	-	-	13.746
ICLS/ICS	-	-	10.391	-	-	4.897	-	-	-	-	-	6.300	-	-	-	-	-	6.300
<i>Subtotal: Recurring Cost</i>	-	-	19.750	-	-	16.497	-	-	15.287	-	-	23.834	-	-	-	-	-	23.834
Non Recurring Cost																		
Other	-	-	1.980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment	-	-	2.957	-	-	-	-	-	-	-	-	5.383	-	-	-	-	-	5.383
<i>Subtotal: Non Recurring Cost</i>	-	-	4.937	-	-	-	-	-	-	-	-	5.383	-	-	-	-	-	5.383
<i>Subtotal: Logistics Cost</i>	-	-	24.687	-	-	16.497	-	-	15.287	-	-	29.217	-	-	-	-	-	29.217
Support - Program Management Cost																		
Contractor Management	-	-	17.514	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10						P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment						Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:							

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Government Management	-	-	23.948	-	-	6.900	-	-	7.107	-	-	7.300	-	-	-	-	-	7.300
<i>Subtotal: Support - Program Management Cost</i>	-	-	41.462	-	-	6.900	-	-	7.107	-	-	7.300	-	-	-	-	-	7.300
Support - System Engineering Cost																		
System Engineering	-	-	36.447	-	-	21.824	-	-	9.511	-	-	10.041	-	-	-	-	-	10.041
<i>Subtotal: Support - System Engineering Cost</i>	-	-	36.447	-	-	21.824	-	-	9.511	-	-	10.041	-	-	-	-	-	10.041
Gross/Weapon System Cost	-	-	492.292	3,310.063	-	158.883	3,042.000	-	146.016	4,913.833	-	117.932	-	-	-	4,913.833	-	117.932

Remarks:
\$20M of FY23 reprogrammed to satisfy Army portion of Executive Airlift PDM

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	158.883	146.016	117.932	-	117.932
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	158.883	146.016	117.932	-	117.932

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
A-Kit Procurement		2017	Prototype Integration Facility / Redstone Arsenal, AL	C / CPFF	Redstone Arsenal, AL	Mar 2017	Mar 2019	82	93.790	N		
B-Kit Procurement		2016	Northrop Grumman / Rolling Meadows, IL	SS / FFP	Patuxent River, MD	Sep 2017	Mar 2019	16	974.750	N		
B-Kit Procurement		2017	Northrop Grumman / Rolling Meadows, IL	SS / FFP	Patuxent River, MD	Sep 2017	Sep 2019	38	974.920	N		
B-Kit Procurement		2018	Northrop Grumman / Rolling Meadows, IL	SS / FFP	Patuxent River, MD	Jan 2018	Dec 2019	29	728.379	N		
B-Kit Procurement		2019	Northrop Grumman / Rolling Meadows, IL	SS / FFP	Patuxent River, MD	Jan 2019	Jun 2020	6	933.833	N		
B-Kit Procurement EV2 ^(†)		2023	Northrop Grumman / Rolling Meadow, IL	SS / FFP	Aberdeen Proving Ground, MD	Mar 2023	Mar 2025	48	1,800.000	N		
B-Kit Procurement EV2 ^(†)		2024	Northrop Grumman / Rolling Meadow, IL	SS / FFP	Redstone Arsenal, AL	Jan 2024	Feb 2026	48	1,863.479	N		
B-Kit Procurement EV2 ^(†)		2025	Northrop Grumman / Rolling Meadow, IL	SS / FFP	Redstone Arsenal, AL	Jan 2025	Feb 2027	24	2,210.000	N		

^(†) indicates the presence of a P-21

Remarks:
Fiscal Year (FY) 2016, 2017, 2018, and 2019 leverages Navy contract for APR-39D(V)2 B-Kit procurement
Unit Cost increase is due to reduced quantity buy from quantity 48 to 24.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2017												Fiscal Year 2018												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												
							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
B-Kit Procurement EV2																															
1		2023	ARMY	48	0	48																							48		
1		2024	ARMY	48	0	48																							48		
1		2025	ARMY	24	0	24																							24		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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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
B-Kit Procurement EV2																															
	1	2023	ARMY	48	0	48																							48		
	1	2024	ARMY	48	0	48																							48		
	1	2025	ARMY	24	0	24																							24		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10 **P-1 Line Item Number / Title:** 3632AZ3504 / Aircraft Survivability Equipment **Item Number / Title [DODIC]:** AZ3511 / Radio Frequency CM

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022												BALANCE	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021												Calendar Year 2022												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
B-Kit Procurement EV2																															
	1	2023	ARMY	48	0	48																							48		
	1	2024	ARMY	48	0	48																							48		
	1	2025	ARMY	24	0	24																							24		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: PB 2025 Army				Date: March 2024			
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10		P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment			Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM		

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023														Fiscal Year 2024														B A L A N C E	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023														Calendar Year 2024														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
B-Kit Procurement EV2																																			
1		2023	ARMY	48	0	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	
1		2024	ARMY	48	0	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	
1		2025	ARMY	24	0	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2025														Fiscal Year 2026														BALANCE		
O C C #	M F R #	FY	SERVICE	PROC QTY	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						
B-Kit Procurement EV2																																				
1		2023	ARMY	48	0	48	-	-	-	-	-	-	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0						
1		2024	ARMY	48	0	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	16
1		2025	ARMY	24	0	24				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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Cost Elements <i>(Units in Each)</i>							Fiscal Year 2027														Fiscal Year 2028														BALANCE
O C C #	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					
B-Kit Procurement EV2																																			
1		2023	ARMY	48	48	0																							0						
1		2024	ARMY	48	32	16	4	4	4	4																			0						
1		2025	ARMY	24	0	24	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2								0						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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Exhibit P-21, Production Schedule: PB 2025 Army	Date: March 2024
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Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 3632AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM
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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	Northrop Grumman - Rolling Meadow, IL	2	11	20	0	0	24	24	0	0	0	0

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	P-1 Line Item Number / Title: 5044AZ3507 / Survivability CM
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,514.691	0.884	6.526	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,514.691	0.884	6.526	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,514.691	0.884	6.526	-	-	-	-	-	-	-	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Advanced Threat Infrared Countermeasure (ATIRCM) is an infrared (IR) countermeasure system that interfaces with the Common Missile Warning System (CMWS) to provide near spherical protection of the host aircraft platform in order to defeat IR threat missiles. The operational concept of ATIRCM is as part of the Suite of Integrated Infrared Countermeasures (SIIRCM). The core components of the SIIRCM concept are: a Missile Warning System, expendable countermeasures (flares) and a laser based IR countermeasure (IRCM). The CMWS detects, declares, and initiates IRCM against IR-guided Surface-to-Air Missiles or Air-to-Air Missiles. ATIRCM takes a hand-off cue from CMWS and then takes immediate action as a laser based countermeasure against the incoming threat missile.

The A-Kit for ATIRCM includes mounting hardware, wiring harnesses, and other components necessary to install and interface the mission kit on host aircraft. The ATIRCM B-Kit is the mission kit (laser, optical coupler, infrared jam head, and jam head control unit) required to achieve near spherical coverage for an aircraft.

The ATIRCM program is a post-Milestone C, Acquisition Category 1C program of record fielded on CH-47F aircraft.

The approved Army Acquisition Objective for ATIRCM is 340 A-Kits and 120 B-Kits.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.884	6.526	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.884	6.526	-	-	-	-	-	-	-

Justification:

ATIRCM has no FY 2025 funding request.

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Exhibit P-40, Budget Line Item Justification: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics		P-1 Line Item Number / Title: 5044AZ3507 / Survivability CM
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>The Contractor Logistics Support (CLS) contract expired in January 2022 transitioning fielding operations to the ATIRCM Product Office until all operational units are equipped with the replacement Common Infrared Countermeasures (CIRCM) System. Government Fielding operations includes logistics support, Transportation/Shipping, Repairs, and program integration and oversight.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic responses, and providing military support to civil authorities.</p> <p>All COMPO 1 Active</p>		

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

Appropriation / Budget Activity / Budget Sub Activity:
 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA
 10: Ground Support Avionics

P-1 Line Item Number / Title:
 5397AZ3517 / CMWS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0605051A

Line Item MDAP/MAIS Code: 219

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>)	200	-	-	-	-	-	-	-	-	-	-	200
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,483.275	100.172	72.041	51.646	-	51.646	13.927	13.980	13.951	14.090	706.012	2,469.094
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,483.275	100.172	72.041	51.646	-	51.646	13.927	13.980	13.951	14.090	706.012	2,469.094
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,483.275	100.172	72.041	51.646	-	51.646	13.927	13.980	13.951	14.090	706.012	2,469.094

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	7,416.375	-	-	-	-	-	-	-	-	-	-	12,345.470

Description:

This funding line is a key enabler of the Army Modernization Priorities in support of the Aviation Survivability Equipment (ASE).

Missile Warning (MW) Army Procurement Objective (APO) = 1,988 (B-Kits) On April 15, 2022 the AROC approved an APO increase for MW B-Kits to 1988. APO will be achieved through a future modernization effort.

Common Missile Warning System (CMWS):

APO = 1,351 (B-Kits)

The CMWS program is a missile warning system that cues both flare and laser-based countermeasures to defeat incoming Infrared (IR)-seeking missiles and will alert aircrews to the presence of certain incoming munitions. The B-Kit consists of the components which perform the missile detection and aircrew notification, munitions detection and aircrew notification, false alarm rejection, and countermeasure employment/cueing functions of the system. The CMWS Electronic Control Unit (ECU) receives ultraviolet (UV) missile detection data from Electro-Optic Missile Sensors (EOMS), which detects UV signals, and sends a missile alert signal to warn aircrews via on-board avionics. Tier 1 threat missiles detected and tracked by the CMWS are subsequently defeated by a combination of missile seeker countermeasures, including decoy flares and IR Laser Jamming (currently Common Infrared Countermeasure (CIRCM) and Advanced Threat Infrared Countermeasures (ATIRCM)-equipped CH-47 platform only). In addition, the CMWS ECU receives from the EOMS munitions detection data which is also passed to the aircrew through aural and visual cues. The aircrew then applies the appropriate Tactics, Techniques and Procedures (TTPs) to break contact or engage the enemy with on-ship ordnance. The CMWS Generation 3 (Gen 3) ECU in conjunction with ongoing software development efforts will address outstanding materiel release conditions and ensure protection against emerging IR-guided missile threats. Due to evolving threats, CMWS will remain in the Army inventory beyond 2040 and must remain relevant against emerging threats.

The CMWS A-Kit includes mounting hardware, wiring harnesses, cables, and other components necessary to install and interface the mission kit on host aircraft. The A-Kit ensures the mission kit is functionally and physically operational with a specific host aircraft type.

Joint Urgent Operational Needs Statement (JUONS)/Common Infrared Countermeasure Quick Reaction Capability (CIRCM QRC):

APO = 42 (B-Kits)

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	P-1 Line Item Number / Title: 5397AZ3517 / CMWS
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0605051A
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Line Item MDAP/MAIS Code: 219

As a part of Phase 2a of the JUONS (SO-0010) program, the Army integrated the Department of the Navy Large Aircraft Infrared Countermeasure (DoN LAIRCM) system onto the Army and Special Operations Aircraft platforms. Due to a number of challenges, circumstances, and variables, the Army updated the Advanced Threat Warning (ATW)/CIRCM QRC and Limited Interim Missile Warning System (LIMWS) Directed Requirements (dated November 16, 2018). The updated requirements extend the utilization of ATW DoN LAIRCM on conventional Army aircraft and cancel the need for the ATW/CIRCM QRC system for the conventional Army. (It should be noted that the updated requirement maintains the need for ATW/CIRCM on the Special Operations Aircraft. Sustainment of ATW on Special Operations Aircraft will transfer to Special Operations Aircraft budget line in FY 2023). As a result, the Army did not acquire the ATW sensors for use in Phase 3 of the JUONS effort. Instead, the Army accelerated the procurement of the CIRCM QRC systems for use with the currently fielded CMWS in preparation for transition to the LIMWS system.

LIMWS QRC:

APO = 399 (B-Kits)

Phase 4 LIMWS QRC addresses the HQDA Directed Requirement to provide a greater capability than CMWS, the current Program of Record (POR), to bridge the gap between CMWS and the future POR. LIMWS is required in order to maintain overmatch of quickly emerging threat technology and tactics by providing increased detection range, improved detection in clutter, more agile algorithms to rapidly respond to emerging threats, and eliminates the need for sensor alignment.

References:

- Joint Staff, J-8 Deputy Director for Requirements (DOR) memorandum, April 24, 2015
- Phase 2a SOCOM JUONS SO-0010, Joint Rapid Acquisition Cell (JRAC) memorandum, May 29, 2015
- Directed Requirement for the Phase 3 Advanced Threat Warner and Common Infrared Countermeasure Quick Reaction Capability (ATW/CIRCM QRC) to Support Joint Urgent Operational Need (JUON) SO-0010, CIRCM Critical Intelligence Parameters Breach, December 18, 2015
- Directed Requirement for Limited Interim Missile Warning System to Detect Enemy Man Portable Air Defense Systems, March 26, 2017
- Update to the Directed Requirement for the United States Special Operations Command Joint Urgent Operational Needs SO-0010 Threat Detection and Countermeasures to Enemy Man Portable Air Defense System Capability, November 16, 2018
- Directed Requirement for Limited Interim Missile Warning System to Detect Enemy Man Portable Air Defense Systems, November 16, 2018
- Aircraft Survivability Equipment (ASE) Modernization Fielding Guidance, Change 1, November 19, 2018

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	100.172	72.041	51.646	-	51.646	13.927	13.980	13.951	14.090
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	100.172	72.041	51.646	-	51.646	13.927	13.980	13.951	14.090

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics **P-1 Line Item Number / Title:** 5397AZ3517 / CMWS

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0605051A

Line Item MDAP/MAIS Code: 219

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	AZ3517 / CMWS	P-5a			200 / 1,483.275	- / 100.172	- / 72.041	- / 51.646	- / -	- / 51.646
P-40	Total Gross/Weapon System Cost				200 / 1,483.275	- / 100.172	- / 72.041	- / 51.646	- / -	- / 51.646

*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 Base Procurement dollars in the amount of \$22.020 million supports CMWS software modifications, software concurrency, contractor support, system of system analysis, algorithm solutions, system test and evaluation (ST&E), obsolescence, and Diminishing Manufacturing Sources (DMS) to ensure CMWS meets operation requirements.

FY 2025 Base Procurement dollars in the amount of \$3.958 million supports direct combat support expenses for Operation Inherent Resolve will fund LRU Reset and Systems Engineering and Program Management (SEPM). JUONS Phase 2a DoN LAIRCM:

Phase 4 LIMWS QRC: FY 2025 Base Procurement dollars in the amount of \$25.668 million supports direct combat support expenses for Operation Inherent Resolve will fund contractor logistics support; installation of Conventional Army platforms; training and publications; test and special equipment; continued software maintenance and updates, testing, integration updates on all fielded platforms; and SEPM.

Additionally, MWS supports rotational based capability for Army Aviation.

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-5, Cost Analysis: PB 2025 Army						Date: March 2024		
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10			P-1 Line Item Number / Title: 5397AZ3517 / CMWS			Item Number / Title [DODIC]: AZ3517 / CMWS		
ID Code (A=Service Ready, B=Not Service Ready) :				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>)			200	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)			1,483.275	100.172	72.041	51.646	-	51.646
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)			1,483.275	100.172	72.041	51.646	-	51.646
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)			1,483.275	100.172	72.041	51.646	-	51.646
<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 Thousands</i>)			7,416.375	-	-	-	-	-

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Hardware Cost																		
Recurring Cost																		
CMWS A-Kit Fixed Wing Installation	2,974.222	18	53.536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS A-Kit Rotary Wing Installation	657.000	10	6.570	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Gen 3 ECU Hardware	261.671	432	113.042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Gen 3 User Data Module (UDM)	-	-	9.607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Other Recurring Prod (Software/Engineer)	-	-	208.774	-	-	4.606	-	-	3.462	-	-	11.726	-	-	-	-	-	11.726
CMWS Systems Engineering	-	-	31.066	-	-	1.466	-	-	1.365	-	-	4.520	-	-	-	-	-	4.520
CMWS Program Management	-	-	31.283	-	-	2.731	-	-	2.991	-	-	1.985	-	-	-	-	-	1.985
CMWS Systems Test and Evaluation	-	-	87.604	-	-	3.373	-	-	3.715	-	-	3.789	-	-	-	-	-	3.789
JUONS SO-0010 A-Kit Procurement	432.174	69	29.820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUONS SO-0010 A-Kit Installation	376.406	69	25.972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUONS SO-0010 B-Kit Procurement	2,824.200	45	127.089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army													Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10						P-1 Line Item Number / Title: 5397AZ3517 / CMWS						Item Number / Title [DODIC]: AZ3517 / CMWS						
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
JUONS SO-0010 Systems Engineering	-	-	12.858	-	-	2.160	-	-	2.750	-	-	0.198	-	-	-	-	-	0.198
JUONS SO-0010 Program Management	-	-	10.821	-	-	1.890	-	-	2.750	-	-	0.198	-	-	-	-	-	0.198
JUONS SO-0010 Systems Test & Evaluation	-	-	12.538	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUONS SO-0010 Fielding/FSR Support/ Depot/Demod	-	-	81.106	-	-	23.390	-	-	5.300	-	-	3.562	-	-	-	-	-	3.562
JUONS SO-0010 Software/Engineering Support	-	-	21.463	-	-	5.260	-	-	-	-	-	-	-	-	-	-	-	-
Phase 3 ATW/ CIRCM QRC B-Kit Procurement ^(†)	1,015.344	64	64.982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC Systems Engineering	-	-	6.704	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC Program Management	-	-	6.614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC A-Kit Installation	157.839	155	24.465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC ST&E	-	-	5.920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phase 4 LIMWS A-Kit Procurement and Install ^(†)	133.202	367	48.885	-	-	6.797	-	-	1.314	-	-	3.431	-	-	-	-	-	3.431
LIMWS Systems Engineering Program Management	-	-	42.737	-	-	10.147	-	-	10.225	-	-	2.535	-	-	-	-	-	2.535
Phase 4 LIMWS QRC B-Kit Procurement ^(†)	580.390	436	253.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMWS QRC Additional B-Kit Hardware (ALE-47)	-	-	18.953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC A-Kit Procurement	378.650	60	22.719	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM Additional Hardware-I Generators	50.550	20	1.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMWS Engineering Services	-	-	14.292	-	-	14.432	-	-	13.105	-	-	7.727	-	-	-	-	-	7.727
LIMWS Systems Test & Evaluation	-	-	-	-	-	14.361	-	-	2.521	-	-	2.058	-	-	-	-	-	2.058

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10						P-1 Line Item Number / Title: 5397AZ3517 / CMWS						Item Number / Title [DODIC]: AZ3517 / CMWS					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:							

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	1,373.481	-	-	90.613	-	-	49.498	-	-	41.729	-	-	-	-	-	41.729
Non Recurring Cost																		
CMWS Other Modifications (5th Sensor and P3I)	-	-	5.805	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Other Procurement	-	-	3.176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FY 2019 Rapid Prototyping Fund	-	-	0.613	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	9.594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware Cost</i>	-	-	1,383.075	-	-	90.613	-	-	49.498	-	-	41.729	-	-	-	-	-	41.729
Logistics Cost																		
Recurring Cost																		
CIRCM ICS-CLS	-	-	8.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUONS Fielding and ICS-CLS	-	-	3.108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMWS ICS-CLS	-	-	38.644	-	-	5.169	-	-	17.026	-	-	5.202	-	-	-	-	-	5.202
LIMWS Fielding	-	-	4.029	-	-	4.299	-	-	5.517	-	-	4.715	-	-	-	-	-	4.715
<i>Subtotal: Recurring Cost</i>	-	-	53.841	-	-	9.468	-	-	22.543	-	-	9.917	-	-	-	-	-	9.917
Non Recurring Cost																		
LIMWS Training/ Equipment	-	-	2.899	-	-	0.091	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	2.899	-	-	0.091	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics Cost</i>	-	-	56.740	-	-	9.559	-	-	22.543	-	-	9.917	-	-	-	-	-	9.917
Support - Fielding Cost																		
Fielding	-	-	35.058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Fielding Cost</i>	-	-	35.058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Training Cost																		
Equipment	-	-	8.403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Training Cost</i>	-	-	8.403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	7,416.375	200	1,483.275	-	-	100.172	-	-	72.041	-	-	51.646	-	-	-	-	-	51.646

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 5397AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**
 LIMWS A-Kits: Production of 201 A-Kits procured in first quarter FY 2020. FY 2021 LIMWS OCO APA funds procurement of 80 A-Kits for multiple platform variants. FY22 LIMWS funding for A-Kit installs only.

	Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	100.172	72.041	51.646	-	51.646
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	100.172	72.041	51.646	-	51.646

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

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 5397AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Phase 3 ATW/CIRCM QRC B-Kit Procurement	✓	2018	Northrop Grumman / Rolling Meadows, IL	SS / FFP	AMCOM Contracting Command, RSA	Dec 2017	Dec 2018	64	1,015.344	N		
Phase 4 LIMWS A-Kit Procurement and Install	✓	2019	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	Nov 2018	Aug 2019	86	78.047	N		
Phase 4 LIMWS A-Kit Procurement and Install	✓	2020	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	Oct 2019	Apr 2020	201	71.960	N		
Phase 4 LIMWS A-Kit Procurement and Install	✓	2021	Tyonek / Huntsville, AL	C / FFP	AMCOM Contracting Command, RSA	Jun 2021	Jan 2022	34	75.455	N		
Phase 4 LIMWS A-Kit Procurement and Install	✓	2022	Tyonek / Huntsville, AL	C / FFP	AMCOM Contracting Command, RSA	Dec 2021	Jun 2022	29	82.658	N		
Phase 4 LIMWS QRC B-Kit Procurement	✓	2018	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	May 2018	Sep 2019	36	626.090	N		
Phase 4 LIMWS QRC B-Kit Procurement	✓	2019	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	Mar 2020	Feb 2021	100	626.090	N		
Phase 4 LIMWS QRC B-Kit Procurement	✓	2020	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	Jan 2020	Dec 2021	100	626.090	N		
Phase 4 LIMWS QRC B-Kit Procurement	✓	2021	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	Jan 2021	Oct 2022	100	626.090	N		
Phase 4 LIMWS QRC B-Kit Procurement		2022	BAE Systems / Nashua, NH	C / FFP	AMCOM Contracting Command, RSA	Sep 2022	Aug 2023	100	626.090	N		

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics

P-1 Line Item Number / Title:
5399AZ3537 / Common Infrared Countermeasures (CIRCM)

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: 446

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>)	465	125	125	100	-	100	100	100	100	100	700	1,915
Gross/Weapon System Cost (<i>\$ in Millions</i>)	928.604	272.262	261.384	257.854	-	257.854	251.838	251.605	251.155	253.671	2,075.106	4,803.479
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	928.604	272.262	261.384	257.854	-	257.854	251.838	251.605	251.155	253.671	2,075.106	4,803.479
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	928.604	272.262	261.384	257.854	-	257.854	251.838	251.605	251.155	253.671	2,075.106	4,803.479

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	1,996.998	2,178.096	2,091.072	2,578.540	-	2,578.540	2,518.380	2,516.050	2,511.550	2,536.710	2,964.437	2,508.344

Description:

This funding line is a key enabler of the Future Long-Range Assault Aircraft (FLRAA) platform.

Army Procurement Objective (APO) = 1,988 (B-Kits only) On April 15, 2022 the AROC approved an APO increase for CIRCM B-Kits from 1781 to 1988. On July 8, 2022 HQDA released EXORD 166-22 which defines the new Regionally Aligned Readiness and Modernizations Model (ReARMM) which expedites the procurement and installation of CIRCM A-Kits at a quicker rate than what was approved in the Full Rate Production (FRP) Army Cost Position (ACP). CIRCM conducted a Configuration Steering Board (CSB) in September 2022 with the AAE to address requirements changes and realign the funding profile. CIRCM received a new Acquisition Program Baseline (APB) on December 1, 2023.

In FY 2025 the program will begin buying B-Kits that include the next generation Jupiter laser. This laser adds enhanced capability against threats outlined in the CPD. In order to remain affordable the program will adjust the procurement quantity from 125 to 100 B-Kits annually.

The (Common Infrared Countermeasures) CIRCM budget line includes 1) CIRCM (AZ3537), 2) funding to counter emerging technology as identified in Joint Urgent Operational Needs Statement (JUONS) SO-0010 Phase 2a and the Headquarters Department of the Army (HQDA) Directed Requirement for the CIRCM Quick Reaction Capability (QRC), 3) funding to support HQDA Directed Requirement for the Phase 3 Advanced Threat Warning(ATW)/CIRCM QRC.

CIRCM (AZ3537)

CIRCM is the next generation lightweight, laser-based Infrared Countermeasure (IRCM) component that will interface with both the Army's Common Missile Warning System (CMWS), Limited Interim Missile Warning System (LIMWS), Advanced Threat Warner (ATW), and future Improved Threat Detection System (ITDS) to defeat current and emerging missile threats that use multispectral technology for rotary-wing, tilt-rotor and small fixed-wing aircraft across the DoD. CIRCM receives an angular bearing hand-off from the MWS, employs a pointing and tracking system which acquires the handed-over threat and tracks the incoming missile during and after motor burnout. CIRCM jams the missile by using modulated laser energy in the missile seeker band, thus degrading the tracking capability of the missile and causing it to miss the aircraft. CIRCM is utilizing Open Systems Architecture which allows flexibility with software and hardware refreshes to keep pace with future threats. CIRCM is part of the suite of ASE Mission Equipment for the FVL platform.

The CIRCM A-Kit includes mounting hardware, wiring harnesses, and other components necessary to install and interface the mission kit on host aircraft. The A-Kit ensures the mission kit is functionally and physically operational with a specific host aircraft type. The CIRCM B-Kit is the mission kit (laser, pointer tracker, and controller) required to achieve near spherical coverage for an aircraft.

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

Appropriation / Budget Activity / Budget Sub Activity:
 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics

P-1 Line Item Number / Title:
 5399AZ3537 / Common Infrared Countermeasures (CIRCM)

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: 446

JUONS SO-0010 and CIRCM QRC
 As a part of Phase 2a of the JUONS (SO-0010) program, the Army integrated the Department of the Navy Large Aircraft Infrared Countermeasure (DoN LAIRCM) system onto the Army and Special Operations Aircraft (SOA) platforms. Due to a number of challenges, circumstances, and variables, the Army updated the ATW/CIRCM QRC and Limited Interim Missile Warning System (LIMWS) Directed Requirements (dated November 16, 2018). The updated requirements extended the utilization of ATW DoN LAIRCM on conventional Army aircraft and cancelled the need for the ATW/CIRCM QRC system for the conventional Army. (It should be noted that the updated requirement maintained the need for ATW/CIRCM on SOA platforms. Sustainment of ATW on Special Operations Aircraft were transferred to the SOA budget line in FY 2023). As a result, the Army did not acquire the ATW sensors for use in Phase 3 of the JUONS effort. Instead, the Army accelerated the procurement of the CIRCM QRC systems for use with the currently fielded CMWS in preparation for transition to the LIMWS system. As of FY 2025, the ATW and JUONS RDT&E efforts have been completed and aircraft deployed with JUONS have been de-modified.

CIRCM Full Rate Production Decision was approved April 13, 2021 and a five year IDIQ contract was awarded to NGSC on April 30, 2021 for up to 596 B-Kits with options for Engineering Services, Repairs, and Contractor Logistic Support Services. CIRCM has executed the first three delivery orders for B-Kits under the FRP contract and deliveries have begun. CIRCM will begin procuring the next generation Jupiter laser in FY 2025. The full rate production APB was approved July 2021 and the program completed the Initial Operational Capability (IOC) threshold date of September 2022. CIRCM is utilizing OEM contractor logistics to support initial fielding of the system. The program is planning to transition to organic depot support through a Private-Public Partnership in FY 2027, the program is currently performing an Analysis of Product Support Alternatives (APSA) now that fielding and repair data is more readily available to determine the best sustainment strategy for the USG.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	125	125	100	-	100	100	100	100	100
	Total Obligation Authority	272.262	261.384	257.854	-	257.854	251.838	251.605	251.155	253.671
Total: Secondary Distribution	Quantity	125	125	100	-	100	100	100	100	100
	Total Obligation Authority	272.262	261.384	257.854	-	257.854	251.838	251.605	251.155	253.671

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics
P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)

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: 446

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	AZ3537 / Common Infrared Countermeasures (CIRCM)	P-5a, P-21			465 / 928.604	125 / 272.262	125 / 261.384	100 / 257.854	- / -	100 / 257.854
P-40	Total Gross/Weapon System Cost				465 / 928.604	125 / 272.262	125 / 261.384	100 / 257.854	- / -	100 / 257.854

*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 Base Procurement dollars for CIRCM Program of Record in the amount of \$257.854 million will fund procurement of CIRCM hardware, integration, testing, software updates, jam code updates, Systems Engineering Program Management (SEPM), fielding, and sustainment.

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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10		P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)
		Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)

ID Code (A=Service Ready, B=Not Service Ready) :				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)			465	125	125	100	-	100
Gross/Weapon System Cost (\$ in Millions)			928.604	272.262	261.384	257.854	-	257.854
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)			928.604	272.262	261.384	257.854	-	257.854
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			928.604	272.262	261.384	257.854	-	257.854
<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 Thousands)			1,996.998	2,178.096	2,091.072	2,578.540	-	2,578.540

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
CIRCM A-Kit Manufacturing/ Installation ^(f)	61.180	891	54.511	40.450	533	21.560	41.665	355	14.791	169.050	160	27.048	-	-	-	169.050	160	27.048
CIRCM B-Kit Manufacturing ^(f)	1,150.512	379	436.044	1,163.848	125	145.481	1,249.800	125	156.225	1,641.650	100	164.165	-	-	-	1,641.650	100	164.165
Other Recurring Production	-	-	43.126	-	-	29.000	-	-	16.326	-	-	12.972	-	-	-	-	-	12.972
Phase 3 CIRCM QRC B-Kit Manufacturing ^(f)	1,251.159	107	133.874	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC A-Kit Manufacturing/Installs	-	-	23.425	-	-	3.700	-	-	-	-	-	-	-	-	-	-	-	-
B-Kit Manufacturing to Support Phase 4 LIMWS QRC ^(f)	1,271.000	9	11.439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC SEPM	-	-	26.639	-	-	7.860	-	-	1.950	-	-	-	-	-	-	-	-	-
CIRCM QRC Testing	-	-	9.549	-	-	6.085	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC Training	-	-	5.693	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC Fielding	-	-	25.403	-	-	9.390	-	-	10.090	-	-	-	-	-	-	-	-	-
CIRCM QRC Software	-	-	3.458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRCM QRC Rapid Prototyping Fund	-	-	0.033	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)	Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CIRCM QRC Engineering Changes	-	-	1.440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	774.634	-	-	223.076	-	-	199.382	-	-	204.185	-	-	-	-	-	204.185
Non Recurring Cost																		
Depot Stand-up	-	-	2.940	-	-	0.080	-	-	2.500	-	-	6.000	-	-	-	-	-	6.000
CIRCM QRC Retrofit	465.167	30	13.955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	16.895	-	-	0.080	-	-	2.500	-	-	6.000	-	-	-	-	-	6.000
<i>Subtotal: Flyaway Cost</i>	-	-	791.529	-	-	223.156	-	-	201.882	-	-	210.185	-	-	-	-	-	210.185
Software Cost																		
Recurring Cost																		
Jam Code Updates/ Software Support	-	-	17.417	-	-	0.247	-	-	2.151	-	-	2.276	-	-	-	-	-	2.276
Cyber Security	-	-	8.372	-	-	0.600	-	-	1.027	-	-	1.052	-	-	-	-	-	1.052
<i>Subtotal: Recurring Cost</i>	-	-	25.789	-	-	0.847	-	-	3.178	-	-	3.328	-	-	-	-	-	3.328
<i>Subtotal: Software Cost</i>	-	-	25.789	-	-	0.847	-	-	3.178	-	-	3.328	-	-	-	-	-	3.328
Support - Data Cost																		
Technical Publications	-	-	0.463	-	-	-	-	-	0.261	-	-	0.276	-	-	-	-	-	0.276
<i>Subtotal: Support - Data Cost</i>	-	-	0.463	-	-	-	-	-	0.261	-	-	0.276	-	-	-	-	-	0.276
Support - Engineering Change Proposals Cost																		
Engineering Change Proposals	-	-	-	-	-	-	-	-	0.342	-	-	0.351	-	-	-	-	-	0.351
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	-	-	-	-	-	-	0.342	-	-	0.351	-	-	-	-	-	0.351
Support - Fielding Cost																		
Fielding	-	-	55.376	-	-	23.194	-	-	32.231	-	-	16.280	-	-	-	-	-	16.280
<i>Subtotal: Support - Fielding Cost</i>	-	-	55.376	-	-	23.194	-	-	32.231	-	-	16.280	-	-	-	-	-	16.280
Support - System Engineering Cost																		
System Engineering	-	-	43.691	-	-	17.493	-	-	19.918	-	-	20.775	-	-	-	-	-	20.775
<i>Subtotal: Support - System Engineering Cost</i>	-	-	43.691	-	-	17.493	-	-	19.918	-	-	20.775	-	-	-	-	-	20.775
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	8.280	-	-	7.572	-	-	3.572	-	-	6.659	-	-	-	-	-	6.659

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)	Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	8.280	-	-	7.572	-	-	3.572	-	-	6.659	-	-	-	-	-	6.659
Support - Training Cost																		
Services	-	-	3.477	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Training Cost</i>	-	-	3.477	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	1,996.998	465	928.604	2,178.096	125	272.262	2,091.072	125	261.384	2,578.540	100	257.854	-	-	-	2,578.540	100	257.854

Remarks:

B-Kit manufacturing unit cost increase is due to the procurement and insertion of the next generation Jupiter laser, which is more expensive than the legacy Solaris laser. The Jupiter laser adds enhanced protection capability for current and emerging threats. The Open Systems Architecture of the program enabled this technology insertion in a more efficient manner than traditional methods. The program will buy fewer quantities annually in order to stay within the budgeted funding profile.

A-Kit unit price varies year to year due to multiple factors. The costs in this element reflect both manufacturing, installation and the cost of pods for Apache aircraft, but the quantities reflect only the quantity of A-Kits purchased. A-Kit manufacturing costs vary greatly for different aircraft platforms and the number of installs across platforms changes from year to year due to aircraft availability and the Regionally Aligned Readiness and Modernization Model (ReARMM)

Fielding decrease in FY25 is due to a decrease in Field Service Representative support required and a decrease in repairs needed as the system reliability improves and the user becomes more familiar with the system.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	125	125	100	-	100
	Total Obligation Authority	272.262	261.384	257.854	-	257.854
Total: Secondary Distribution	Quantity	125	125	100	-	100
	Total Obligation Authority	272.262	261.384	257.854	-	257.854

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army								Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10			P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)					Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)				
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 (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
CIRCM A-Kit Manufacturing/ Installation ^(†)		2018	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	C / FPIF	HQ ACC, Redstone Arsenal, AL	Sep 2018	Jul 2019	24	0.000	Y		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2019	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Apr 2019	Aug 2019	81	61.914	N		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2020	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Jan 2020	May 2020	100	72.810	N		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2021	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Jan 2021	May 2021	196	60.556	N		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2022	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Jan 2022	May 2022	490	56.961	N		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2023	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Jan 2023	Jun 2023	533	40.450	N		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2024	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Jan 2024	Jun 2024	355	41.665	N		
CIRCM A-Kit Manufacturing/ Installation ^(†)		2025	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) / Redtone Arsenal	MIPR	HQ ACC, Redstone Arsenal, AL	Jan 2025	Jul 2025	160	169.050	N		
CIRCM B-Kit Manufacturing ^(†)		2018	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Jul 2019	Dec 2020	24	1,287.500	N		
CIRCM B-Kit Manufacturing ^(†)		2019	Northrop Grumman Systems Corp / Rolling Meadows	Option / FPIF	HQ ACC, Redstone Arsenal, AL	Dec 2018	Oct 2019	24	481.083	N		
CIRCM B-Kit Manufacturing ^(†)		2020	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Jan 2020	Jun 2021	101	1,168.089	N		
CIRCM B-Kit Manufacturing ^(†)		2021	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Nov 2020	Jul 2022	120	1,196.833	N		
CIRCM B-Kit Manufacturing ^(†)		2022	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Feb 2022	Sep 2023	110	1,200.009	N		
CIRCM B-Kit Manufacturing ^(†)		2023	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Nov 2022	Aug 2024	125	1,163.848	N		
CIRCM B-Kit Manufacturing ^(†)		2024	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Nov 2023	Aug 2025	125	1,249.800	N		
CIRCM B-Kit Manufacturing ^(†)		2025	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Nov 2024	Sep 2026	100	1,641.650	N		

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10			P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)				Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)				

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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Phase 3 CIRCM QRC B-Kit Manufacturing	✓	2017	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Sep 2018	Nov 2019	77	1,200.170	N		
Phase 3 CIRCM QRC B-Kit Manufacturing	✓	2018	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Jul 2019	Jan 2021	30	1,382.033	N		
B-Kit Manufacturing to Support Phase 4 LIMWS QRC	✓	2019	Northrop Grumman Systems Corp / Rolling Meadows	C / FFP	HQ ACC, Redstone Arsenal, AL	Jul 2019	Dec 2020	9	1,271.000	N		

(t) indicates the presence of a P-21

Remarks:

FY 2018 - LRIP 3 (DO 01) Qty = 24
 FY 2019 - LRIP 2 Qty = 24
 FY 2020 - LRIP 3 (DO 02) Qty = 101
 FY 2021 - FRP Qty = 120
 FY 2022 - FRP Qty = 110
 FY 2023 - FRP Qty = 125
 FY 2024 - FRP Qty = 125
 FY 2025 - FRP Qty = 100

FY 2017 - QRC 2 Qty = 77
 FY 2018 - QRC 3 Qty = 30
 FY 2019 - LIMWS QRC Qty = 9

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Exhibit P-21, Production Schedule: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10		P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)
		Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)

Cost Elements <i>(Units in Each)</i>				Fiscal Year 2018														Fiscal Year 2019														BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	Calendar Year 2018														Calendar Year 2019														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
CIRCM A-Kit Manufacturing/Installation																																			
	1	2018	ARMY	24	0	24														A -	-	-	-	-	-	-	-	-	12	12			0		
	1	2019	ARMY	81	0	81																						A -	-	-	-	-	15	15	51
	1	2020	ARMY	100	0	100																												100	
	1	2021	ARMY	196	0	196																												196	
	1	2022	ARMY	490	0	490																												490	
	1	2023	ARMY	533	0	533																												533	
	1	2024	ARMY	355	0	355																												355	
	1	2025	ARMY	160	0	160																												160	
CIRCM B-Kit Manufacturing																																			
	2	2018	ARMY	24	0	24																												24	
	2	2019	ARMY	24	0	24															A -	-	-	-	-	-	-	-	-	-	-	-		24	
	2	2020	ARMY	101	0	101																													101
	2	2021	ARMY	120	0	120																													120
	2	2022	ARMY	110	0	110																													110
	2	2023	ARMY	125	0	125																													125
	2	2024	ARMY	125	0	125																													125
	2	2025	ARMY	100	0	100																													100
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10										P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)										Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)									

Cost Elements (Units in Each)						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					
CIRCM A-Kit Manufacturing/Installation																																			
1		2018	ARMY	24	24	0																													0
1		2019	ARMY	81	30	51	15	15	21																										0
1		2020	ARMY	100	0	100																													0
1		2021	ARMY	196	0	196																													121
1		2022	ARMY	490	0	490																													490
1		2023	ARMY	533	0	533																													533
1		2024	ARMY	355	0	355																													355
1		2025	ARMY	160	0	160																													160
CIRCM B-Kit Manufacturing																																			
2		2018	ARMY	24	0	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
2		2019	ARMY	24	0	24	11	1	-	-	-	5	7																						0
2		2020	ARMY	101	0	101																													69
2		2021	ARMY	120	0	120																													120
2		2022	ARMY	110	0	110																													110
2		2023	ARMY	125	0	125																													125
2		2024	ARMY	125	0	125																													125
2		2025	ARMY	100	0	100																													100

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Exhibit P-21, Production Schedule: PB 2025 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10										P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)										Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)									

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					
CIRCM A-Kit Manufacturing/Installation																																			
1	2018	ARMY		24	24	0																							0						
1	2019	ARMY		81	81	0																							0						
1	2020	ARMY		100	100	0																							0						
1	2021	ARMY		196	75	121	15	15	15	15	15	15	15	16															0						
1	2022	ARMY		490	0	490				A -	-	-	-	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	235						
1	2023	ARMY		533	0	533															A -	-	-	-	-	15	15	15	15	473					
1	2024	ARMY		355	0	355																							355						
1	2025	ARMY		160	0	160																							160						
CIRCM B-Kit Manufacturing																																			
2	2018	ARMY		24	24	0																							0						
2	2019	ARMY		24	24	0																							0						
2	2020	ARMY		101	32	69	9	9	9	9	9	9	9	6															0						
2	2021	ARMY		120	0	120	-	-	-	-	-	-	-	-	6	5	3	6	10	10	12	12	12	12	12	13	7		0						
2	2022	ARMY		110	0	110				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	109						
2	2023	ARMY		125	0	125														A -	-	-	-	-	-	-	-	-	125						
2	2024	ARMY		125	0	125																							125						
2	2025	ARMY		100	0	100																							100						
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10										P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)										Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)									

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					
CIRCM A-Kit Manufacturing/Installation																																			
	1	2018	ARMY	24	24	0																											0		
	1	2019	ARMY	81	81	0																											0		
	1	2020	ARMY	100	100	0																											0		
	1	2021	ARMY	196	196	0																											0		
	1	2022	ARMY	490	255	235	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10										0			
	1	2023	ARMY	533	60	473	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	113			
	1	2024	ARMY	355	0	355				A -	-	-	-	-	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	35				
	1	2025	ARMY	160	0	160																A -	-	-	-	-	-	-	15	15	15	115			
CIRCM B-Kit Manufacturing																																			
	2	2018	ARMY	24	24	0																										0			
	2	2019	ARMY	24	24	0																											0		
	2	2020	ARMY	101	101	0																											0		
	2	2021	ARMY	120	120	0																											0		
	2	2022	ARMY	110	1	109	11	11	11	12	12	12	10	10	10	10																0			
	2	2023	ARMY	125	0	125	-	-	-	-	-	-	-	-	-	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	0			
	2	2024	ARMY	125	0	125				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10	110				
	2	2025	ARMY	100	0	100																	A -	-	-	-	-	-	-	-	-	100			
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10										P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)										Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)									

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			
CIRCM A-Kit Manufacturing/Installation																																	
	1	2018	ARMY	24	24	0																							0				
	1	2019	ARMY	81	81	0																							0				
	1	2020	ARMY	100	100	0																							0				
	1	2021	ARMY	196	196	0																							0				
	1	2022	ARMY	490	490	0																							0				
	1	2023	ARMY	533	420	113	15	15	15	15	15	15	15	15	8														0				
	1	2024	ARMY	355	320	35	20	15																					0				
	1	2025	ARMY	160	45	115	15	15	15	15	15	15	15	10															0				
CIRCM B-Kit Manufacturing																																	
	2	2018	ARMY	24	24	0																							0				
	2	2019	ARMY	24	24	0																							0				
	2	2020	ARMY	101	101	0																							0				
	2	2021	ARMY	120	120	0																							0				
	2	2022	ARMY	110	110	0																							0				
	2	2023	ARMY	125	125	0																							0				
	2	2024	ARMY	125	15	110	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	0				
	2	2025	ARMY	100	0	100	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	9	9	9	9	9	10	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 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10		P-1 Line Item Number / Title: 5399AZ3537 / Common Infrared Countermeasures (CIRCM)
		Item Number / Title [DODIC]: AZ3537 / Common Infrared Countermeasures (CIRCM)

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	Logistics Support Facility (LSF) / Army Aviation Field Maintenance Facility (AFMD) - Redtone Arsenal	10	15	20	0	0	4	4	0	0	4	4
2	Northrop Grumman Systems Corp - Rolling Meadows	7	11	15	0	0	14	14	0	0	14	14

"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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support
P-1 Line Item Number / Title: 5212AZ3100 / Common Ground Equipment

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0603801A, 0605830A

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>)	1,360.057	19.918	25.752	31.181	-	31.181	32.420	32.420	33.437	25.983	-	1,561.168
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,360.057	19.918	25.752	31.181	-	31.181	32.420	32.420	33.437	25.983	-	1,561.168
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,360.057	19.918	25.752	31.181	-	31.181	32.420	32.420	33.437	25.983	-	1,561.168
<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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Aviation Ground Support Equipment (AGSE) Product Office procures and modernizes critical ground support equipment to enhance the functionality and maintenance of enduring and Future Vertical Lift (FVL) aircraft. This is accomplished by providing aircraft diagnostic, repair and servicing capabilities required to support Army Aviation readiness. Priority efforts in the near term include Aviation Ground Power Unit (AGPU 1.1) and Aircraft Cleaning and Deicing System (ACDS). In addition to these priorities the AGSE PO manages over 20 fielded products.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.918	25.752	31.181	-	31.181	32.420	5.403	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	-	27.017	33.437	16.410
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	-	-	-	9.573
Total:	Quantity	-	-	-	-	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	19.918	25.752	31.181	-	31.181	32.420	32.420	33.437	25.983

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

Appropriation / Budget Activity / Budget Sub Activity:
 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support

P-1 Line Item Number / Title:
 5212AZ3100 / Common Ground Equipment

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0603801A, 0605830A

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	AZ3520 / AVIATION GROUND SUPPORT EQUIPMENT				- / 1,360.057	- / 19.918	- / 25.752	- / 31.181	- / -	- / 31.181
P-40	Total Gross/Weapon System Cost				- / 1,360.057	- / 19.918	- / 25.752	- / 31.181	- / -	- / 31.181

*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 Base procurement dollars will procure Aviation Ground Power Unit (AGPU) 1.1 systems. The Army Requirement Oversight Committee (AROC) approved AAO of 157 AGPU 1.1s to support a critical capability gap (maintenance/operational) for the CH-47 and AH-64 fleet. This is an increase from the FY 2024 requested level to support Army requirements.

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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: 5212AZ3100 / Common Ground Equipment	Item Number / Title [DODIC]: AZ3520 / AVIATION GROUND SUPPORT EQUIPMENT

ID Code (A=Service Ready, B=Not Service Ready) :				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)				1,360.057	19.918	25.752	31.181	-	31.181
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				1,360.057	19.918	25.752	31.181	-	31.181
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				1,360.057	19.918	25.752	31.181	-	31.181
<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 Thousands)				3,607.578	3,983.600	1,287.600	1,299.208	-	1,299.208

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Aviation Ground Power Unit 1.1 (AGPU 1.1)	-	-	4.514	-	-	19.145	-	-	25.752	-	-	31.181	-	-	-	-	-	31.181
Aviation Ground Power Unit 1.0 (AGPU 1.0)	124.664	8,246	1,027.979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avn Light Utility Mobile Maint	43.671	1,100	48.038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Modernized Maintenance Stands	-	-	5.827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Aviation Tool System	2.836	19,889	56.405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flexible Engine Diagnostics Sys	18,368.400	5	91.842	-	-	0.773	-	-	-	-	-	-	-	-	-	-	-	-
SCAMP II Expeditionary Type 2	196.191	110	21.581	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unit Maint Aerial Recovery Kit	-	-	14.584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Destructive Test Equipment	486.484	62	30.162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tool Set, Aviation Unit Maintenance	-	-	1.879	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pitot Static Test Set	300.257	183	54.947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: 5212AZ3100 / Common Ground Equipment	Item Number / Title [DODIC]: AZ3520 / AVIATION GROUND SUPPORT EQUIPMENT
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	1,357.758	-	-	19.918	-	-	25.752	-	-	31.181	-	-	-	-	-	31.181
<i>Subtotal: Flyaway Cost</i>	-	-	1,357.758	-	-	19.918	-	-	25.752	-	-	31.181	-	-	-	-	-	31.181
Support - Program Management Cost																		
Government Management	-	-	2.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Program Management Cost</i>	-	-	2.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	3,607.578	-	1,360.057	3,983.600	-	19.918	1,287.600	-	25.752	1,299.208	-	31.181	-	-	-	1,299.208	-	31.181

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	19.918	25.752	31.181	-	31.181
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	19.918	25.752	31.181	-	31.181

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support

P-1 Line Item Number / Title:
6380AZ3110 / Aircrew Integrated Systems

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0603827A, 0604601A

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>)	1,030.639	25.773	22.097	14.478	-	14.478	15.148	15.303	15.387	15.595	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,030.639	25.773	22.097	14.478	-	14.478	15.148	15.303	15.387	15.595	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,030.639	25.773	22.097	14.478	-	14.478	15.148	15.303	15.387	15.595	Continuing	Continuing

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Aircrew Integrated Systems funds Air Soldier System (Air SS) Aviation Life Support Equipment efforts. The Air Soldier system provides Army rotary wing aircrews with protective mission and survival equipment. Air SS consists of clothing and individual equipment and mission electronics integrated with the aircraft that enable the aircrew member to successfully perform the mission as well as protect, sustain, and enable the safe return to friendly forces in the event of a downed aircraft scenario. Air SS is the phased replacement of the legacy Air Warrior (AW) system that addresses capability gaps while equipping Army aircrews with protective, survival and personal mission equipment, to include: modernized mission electronics tools that improve aircrew Situational Awareness (SA); and reduced Soldier load through reductions in bulk and weight of mission and survival gear.

These efforts support targeted modernization of the enduring Aviation fleet. Recent and future efforts migrate from program/platform-unique hardware and software solutions to common integrated air/ground solutions that align with Network, Soldier Lethality, and Future Vertical Lift (FVL) modernization priorities.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	15.464	12.123	10.828	-	10.828	9.516	9.668	9.752	9.824
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	7.731	7.481	2.738	-	2.738	4.224	4.226	4.226	4.300
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.578	2.493	0.912	-	0.912	1.408	1.409	1.409	1.471
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	25.773	22.097	14.478	-	14.478	15.148	15.303	15.387	15.595

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support **P-1 Line Item Number / Title:** 6380AZ3110 / Aircrew Integrated Systems

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0603827A, 0604601A

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	AZ3110 / Aircrew Integrated Systems				- / 1,030.639	- / 25.773	- / 22.097	- / 14.478	- / -	- / 14.478
P-40	Total Gross/Weapon System Cost				- / 1,030.639	- / 25.773	- / 22.097	- / 14.478	- / -	- / 14.478

*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 Base procurement dollars in the amount of \$10.025M million supports Air SS requirements, and continued production and fielding of Air SS capabilities. Air SS provides: improved flight helmets; Nett Warrior-Aviation (NW-A) to replace paper DoD Flight Information Publications and aircraft publications and provide modernized Situational Awareness (SA) and enables air/ground convergence; improved personal survival equipment; Heads-up Display (HUD) which provides a wider field of view providing enhanced flight symbology for day/night operations on rotary wing aircraft; and the Aircrew Combat Equipment (ACE) with lightweight body armor, the next generation flight survival vest, provides further reductions in Soldier-worn bulk and weight. These capabilities reduce Soldier load and enhance SA, Safety, and Survivability. Funds also procure Air Soldier platform-mounted components necessary for airframe interface with the Air Soldier and installation of airframe integration kits.

Overseas Operations Costs funds this requirement in the amount of \$4.453 million for the FY 2025 Budget Estimate. Overseas Operations Costs are those financed with former Overseas Contingency Operations funding. These funds support the procurement of (NW-A), Rotary Wing Helmet (RWH) and ACE (including Modular Scalable Vest (MSV), soft body armor) capability utilized in support of organizations conducting ongoing contingency operations.

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Exhibit P-5, Cost Analysis: PB 2025 Army											Date: March 2024						
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30						P-1 Line Item Number / Title: 6380AZ3110 / Aircrew Integrated Systems					Item Number / Title [DODIC]: AZ3110 / Aircrew Integrated Systems						
ID Code (A=Service Ready, B=Not Service Ready) :											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)				1,030.639		25.773		22.097		14.478		-		14.478			
Less PY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Net Procurement (P-1) (\$ in Millions)				1,030.639		25.773		22.097		14.478		-		14.478			
Plus CY Advance Procurement (\$ in Millions)				-		-		-		-		-		-			
Total Obligation Authority (\$ in Millions)				1,030.639		25.773		22.097		14.478		-		14.478			
<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 Thousands)				-		-		-		-		-		-		-	

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Air SS Soldier Kits	4.746	14,000	66.439	4.202	1,441	6.055	6.088	647	3.939	8.620	1,342	11.568	-	-	-	8.620	1,342	11.568
Air SS Airframe Kits	139.583	1,153	160.939	155.622	82	12.761	286.412	34	9.738	-	-	-	-	-	-	-	-	-
Airframe Kit Install	-	-	22.993	-	-	1.100	-	-	1.730	-	-	-	-	-	-	-	-	-
Manual	-	-	15.131	-	-	0.101	-	-	0.430	-	-	0.165	-	-	-	-	-	0.165
New Equipment Training	-	-	6.509	-	-	0.106	-	-	0.200	-	-	0.077	-	-	-	-	-	0.077
Initial Spares	-	-	17.731	-	-	0.923	-	-	1.184	-	-	0.304	-	-	-	-	-	0.304
Support Equipment	-	-	10.562	-	-	0.166	-	-	0.100	-	-	0.038	-	-	-	-	-	0.038
Systems Test and Evaluation	-	-	17.403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonrecurring Engineering (NRE)	-	-	35.682	-	-	0.455	-	-	0.161	-	-	0.062	-	-	-	-	-	0.062
Engineering Changes	-	-	14.503	-	-	0.298	-	-	0.141	-	-	0.054	-	-	-	-	-	0.054
Systems Integration Engineering	-	-	13.033	-	-	0.380	-	-	0.656	-	-	0.112	-	-	-	-	-	0.112
Program Management & Matrix Support	-	-	51.853	-	-	2.150	-	-	2.180	-	-	1.440	-	-	-	-	-	1.440
Total Package Fielding	-	-	5.919	-	-	0.528	-	-	1.517	-	-	0.612	-	-	-	-	-	0.612
Contract Logistics Support	-	-	9.083	-	-	0.750	-	-	0.121	-	-	0.046	-	-	-	-	-	0.046
Air Warrior ECPs Supporting Air SS Rqmts	-	-	18.158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30		P-1 Line Item Number / Title: 6380AZ3110 / Aircrew Integrated Systems
		Item Number / Title [DODIC]: AZ3110 / Aircrew Integrated Systems
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Recurring Cost</i>	-	-	465.938	-	-	25.773	-	-	22.097	-	-	14.478	-	-	-	-	-	14.478
Non Recurring Cost																		
Legacy/Air Warrior Costs	-	-	564.701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	564.701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	1,030.639	-	-	25.773	-	-	22.097	-	-	14.478	-	-	-	-	-	14.478
Gross/Weapon System Cost	-	-	1,030.639	-	-	25.773	-	-	22.097	-	-	14.478	-	-	-	-	-	14.478

Remarks:

Unit Cost changes across the years reflect the different mix of subsystem components procured each year. The Air SS Solider Kit component is the primary cost driver of the program and fluctuations in quantities in a fiscal year can substantially change the overall program Unit Cost. The Air SS Aircraft Kit subsystem components, and associated platform installation costs, make up the other bulk of hardware procured under this program that also change overall program Unit Cost based on quantities procured. The subsystem component quantities for each fiscal year are shown on the P-5 cost elements.

FY2024 to FY2025 Airframe and Soldier Kit subsystems unit cost increases due to addition of new components to Base system and contract pricing curves that adjust for inflation. Decreased funding results in losing pricing efficiencies and leads to higher unit costs due to smaller total quantity of items being procured.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	15.464	12.123	10.828	-	10.828
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	7.731	7.481	2.738	-	2.738
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	2.578	2.493	0.912	-	0.912
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	25.773	22.097	14.478	-	14.478

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support

P-1 Line Item Number / Title:
6818AA0050 / Air Traffic Control

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604633A

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>)	1,748.559	27.492	21.216	27.428	-	27.428	22.845	11.230	11.206	11.318	-	1,881.294
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,748.559	27.492	21.216	27.428	-	27.428	22.845	11.230	11.206	11.318	-	1,881.294
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,748.559	27.492	21.216	27.428	-	27.428	22.845	11.230	11.206	11.318	-	1,881.294

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Tactical Airspace Integration System (TAIS) is the Army's program of record for Airspace Control (AC) and enroute Air Traffic Services (ATS). TAIS provides Airspace Management, planning, and dynamic execution capabilities at all echelons above Brigade, and enroute flight following air traffic services. TAIS is the only Army system with direct interface to the U.S. Air Force Air Operations Center (AOC) Weapon System for submission of the Army's requests for airspace from the Battlefield Coordination Detachment (BCD). Airspace Coordinating Measure Requests (ACMREQs) received from other mission command systems are passed to TAIS for approval or higher coordination. TAIS software supports U.S. Army commanders, airspace users, airspace managers, Army air traffic controllers, Joint organizations, and Unified Action Partners (UAP) by providing digitized, multi-echelon planning and execution of airspace management and Air Traffic Services. TAIS provides AC planning and enhanced AC execution; improved theater, intra-, and inter-Corps/Division Air Traffic Services (ATS) support; effective battlespace synchronization; and direct links to the Theater Air Ground System (TAGS) through interface with the automated airspace planning and communications systems of the Joint Force Air Component Commander (JFACC).

TAIS modernization is mandated through Common Operating Environment (COE) Software convergence, and eventually C2 Fix and Pivot strategies, to the Integrated Mission Planning and Airspace Control Tools (IMPACT). IMPACT contributes to four of the Army's six modernization priorities: future vertical lift, long range precision fires, the network, and air and missile defense. IMPACT also directly supports the National Military Strategy Joint force task of integrating capabilities rapidly. IMPACT is the software convergence of AC and will provide interoperability with Army Mission Command, Joint, and UAP systems. This will facilitate AC capabilities, enhance situational understanding, reduce risks, and provide more effective Air-Ground Integration to enable Multi-Domain Operations (MDO), Joint All Domain Operations (JADO), and Joint All Domain Command and Control (JADC2). IMPACT will be instantiated across Command Post Computing Environment, Mounted Computing Environment, and Mobile/Handheld Computing Environment and will extend AC services to the tactical edge. Any changes driven by the C2 Pivot and Fix strategy will be assessed in terms of cost, schedule, and performance impacts to product development.

Funds in the Air Traffic Control (ATC) line support the acquisition of modernized Fixed-Base ATC systems that provide real time airspace management and control that will ensure safety of aircraft operations. These ATC systems are required to maintain compliance with civil, military, domestic, and international air traffic control and combat identification requirements in accordance with federal mandates for systems operating within and transitioning through the National Airspace (NAS) System.

These airspace management systems align the Army in the comprehensive and cohesive effort to provide aviation security and defense of the US NAS in support of National Security Presidential Directive-47/ Homeland Security Presidential Directive-16 and the Strategy for Aviation Security, as described in Department of Defense Directive (DODD) 5030.19.

Efforts include the Fixed Base systems, of which are the DoD Advanced Automation System (DAAS), the Digital Airport Surveillance Radar (DASR), and other navigational control aids that include the Army Airfield Automation System (AAAS), Interim Voice Switch Replacement (IVSR), Doppler VHF Omnidirectional Range (DVOR) system, NAS Voice Recorder (NVR), Precision Approach Radar (PAR2020), and the Instrument Landing System (ILS) Program. Systems in the Air Traffic Control (ATC) portfolio ensure the Army has sufficient access to the airspace and equipment necessary to meet worldwide operational,

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

Appropriation / Budget Activity / Budget Sub Activity:
 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support

P-1 Line Item Number / Title:
 6818AA0050 / Air Traffic Control

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604633A

Line Item MDAP/MAIS Code: N/A

training, exercise, test, and evaluation requirements for peacetime, contingency, and wartime operations as well as, support of international civil and military cooperation in the effective and efficient management of the NAS.

Fixed Base Air Traffic Control requirements will be met through the application of new technology solutions and pre planned product improvement (P3I) of these systems resulting in highly reliable and safe Air Traffic Control systems in accordance with the Joint DoD/FAA program to modernize the National Airspace and the FAA Next Gen program.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	27.492	21.216	27.428	-	27.428	22.845	11.230	11.206	11.318
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	27.492	21.216	27.428	-	27.428	22.845	11.230	11.206	11.318

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

Appropriation / Budget Activity / Budget Sub Activity:
 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support **P-1 Line Item Number / Title:**
 6818AA0050 / Air Traffic Control

ID Code (A=Service Ready, B=Not Service Ready): **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0604633A

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	AA0050 / Air Traffic Control				- / 1,748.559	- / 27.492	- / 21.216	- / 27.428	- / -	- / 27.428
P-40	Total Gross/Weapon System Cost				- / 1,748.559	- / 27.492	- / 21.216	- / 27.428	- / -	- / 27.428

*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 Base procurement dollars in the amount of \$0.785 million funds TAIS and IMPACT software production and deployment to meet COE Operational Needs in capability drops to enable MDO, JADO and JADC2. This is critical to enable Air-Ground Integration, enhance interoperability, and increase commonality with Army Mission Command, COE convergence, MDO, JADO, and JADC2. Aviation is a critical enabler for MDO & JADO; greater synchronization of airspace planning and dynamic execution by IMPACT will enable commanders to maximize airspace usage, increase freedom of maneuver, and enable seamless integration / deconfliction of fires and aviation operations in highly congested and complex environments. TAIS convergence to IMPACT is software-centric moving away from dedicated hardware configuration to support installation on multiple hardware configurations across computing environments.

FY 2025 Base procurement dollars in the amount of \$3.154 million procures 3 DoD Advanced Automation System (DAAS) Pre-Planned Product Improvement (P3I) upgrades. DAAS systems display surveillance radar feeds provided by DoD and FAA radars enabling increased data and communications throughput necessary to manage airspace.

FY 2025 Base procurement dollars in the amount of \$7.476 million procures 4 Digital Airport Surveillance Radar (DASR) Pre-Planned Product Improvement (P3I) upgrades. DASR systems provide integrated radar coverage, improved secondary detection capabilities, 6-level weather display, improved filtering, and false target reduction with full compatibility to the DAAS system.

FY 2025 Base procurement dollars in the amount of \$3.450 million provides for Army Airfield Automation System software (AAAS) upgrades and Information Assurance and Vulnerability Assessment. AAAS systems consolidates weather data processing, emergency operational checklist, navigational charts, quick reference files, operator position, maintains ATC facility statistical data, and consolidates airfield monitoring, control and information management functions in an air traffic control facility on to a single display.

FY 2025 Base procurement dollars in the amount of \$0.694 million procures 6 National Airspace System Voice Recorder (NVR) systems and the associated site preparation and installation. The NVR system provides reliable, VOIP compatible, Air-to-Ground and Ground-to-Ground voice recording for use in accident /incident investigations, training, search & rescue operations, and Freedom of Information Act (FOIA) request responses.

FY 2025 Base procurement dollars in the amount of \$11.869 million procures 2 Instrument Landing System (ILS) systems and the associated system site preparation and installation, replacing the Fixed Base Precision Approach Radar (PAR). ILS provides the Army with an all-weather, ground-based precision approach capability for ILS equipped aircraft with a path perfectly aligned with the runway centerline. The ILS provides both lateral and vertical precision guidance.

This is an increase from the FY 2024 requested level to support Army requirements.

The ATC portfolio of products ensures the Army meets DODD 5030.19 requirements as well as Federal Aviation Administration (FAA) and host nation airspace compliance agreements preventing loss of Army controlled airspace affecting airfields, heliports, and restricted areas impacting training and readiness. These systems prevent degradation of operations and safety of flight for both military and civil air traffic.

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 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support		P-1 Line Item Number / Title: 6818AA0050 / Air Traffic Control
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604633A
Line Item MDAP/MAIS Code: N/A		

Empty justification area for the budget line item.

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: 6818AA0050 / Air Traffic Control	Item Number / Title [DODIC]: AA0050 / Air Traffic Control
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ID Code (A=Service Ready, B=Not Service Ready) : **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)	1,748.559	27.492	21.216	27.428	-	27.428
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,748.559	27.492	21.216	27.428	-	27.428
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,748.559	27.492	21.216	27.428	-	27.428

(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 Thousands)	-	-	-	-	-	-

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
Fixed Base Precision Approach Radar (FBPAR)	-	-	89.918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DoD Advanced Automation System (DAAS)	-	-	135.712	-	-	7.178	-	-	9.413	-	-	3.154	-	-	-	-	-	3.154
Digital Airport Surveillance Radar(DASR)	-	-	87.525	-	-	4.883	-	-	5.845	-	-	7.476	-	-	-	-	-	7.476
Tactical Airspace Integration Sys (TAIS)	-	-	474.153	-	-	6.997	-	-	1.804	-	-	0.785	-	-	-	-	-	0.785
Air Traffic Navigation and Integration	-	-	450.272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Navigational Control (AAAS, DVOR, NVS, NVR)	-	-	5.301	-	-	5.443	-	-	-	-	-	-	-	-	-	-	-	-
Army Airfield Automation System (AAAS)	-	-	31.941	-	-	-	-	-	2.468	-	-	3.450	-	-	-	-	-	3.450
Doppler VHF Omni-directional Range (DVOR)	-	-	5.082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
National Airspace System Voice Switch (NVS)	-	-	79.387	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2025 Army												Date: March 2024					
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30						P-1 Line Item Number / Title: 6818AA0050 / Air Traffic Control						Item Number / Title [DODIC]: AA0050 / Air Traffic Control					
ID Code (A=Service Ready, B=Not Service Ready) :												MDAP/MAIS Code:					

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
National Airspace System Voice Recorder (NVR)	-	-	3.513	-	-	-	-	-	1.686	-	-	0.694	-	-	-	-	-	0.694
Tactical Terminal Control System (TTCS)	-	-	91.038	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobile Tower System (MOTS)	-	-	223.067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATC Common Simulator (ACS)	-	-	51.523	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Precision Approach Radar (PAR) 2020	-	-	10.773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Instrument Landing System (ILS)	-	-	9.354	-	-	2.991	-	-	-	-	-	11.869	-	-	-	-	-	11.869
<i>Subtotal: Recurring Cost</i>	-	-	1,748.559	-	-	27.492	-	-	21.216	-	-	27.428	-	-	-	-	-	27.428
<i>Subtotal: Flyaway Cost</i>	-	-	1,748.559	-	-	27.492	-	-	21.216	-	-	27.428	-	-	-	-	-	27.428
Gross/Weapon System Cost	-	-	1,748.559	-	-	27.492	-	-	21.216	-	-	27.428	-	-	-	-	-	27.428

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	27.492	21.216	27.428	-	27.428
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	27.492	21.216	27.428	-	27.428

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support

P-1 Line Item Number / Title:
9154A50100 / Launcher, 2.75 Rocket

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>)	102.587	1.820	2.125	3.815	-	3.815	1.608	3.938	1.608	1.608	-	119.109
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	102.587	1.820	2.125	3.815	-	3.815	1.608	3.938	1.608	1.608	-	119.109
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	102.587	1.820	2.125	3.815	-	3.815	1.608	3.938	1.608	1.608	-	119.109

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Aviation Rockets and Small Guided Munitions Product Office is the executive procurement agent for all services and Foreign Military customers for all variants of 2.75 Inch Hydra-70 Rocket Launchers. The M261 19-tube analog launcher and the M260 7-tube analog launcher are used to fire 2.75 Inch Hydra-70 Guided / Unguided Rockets from the following platforms: AH-64 Apache, H-60 Blackhawk, and Special Operations aircraft. The analog launchers are non-repairable, yet durable enough to withstand at least 16 rocket firings per tube before being discarded. The empty weight of the M260 analog launcher is approximately 35 pounds and the empty weight of the M261 analog launcher is approximately 82 pounds. The analog launcher permits fuze-timing selections from the cockpit and will launch guided / unguided rockets using either the MK40 or the MK66 motors. 2.75 Inch Rocket Launcher procurement funding supports the launcher system to include resolution of obsolescence, safety, reliability, weapon integration activities, test sets, engineering changes, and production issues.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	1.820	2.125	3.815	-	3.815	1.608	3.938	1.608	1.608
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	1.820	2.125	3.815	-	3.815	1.608	3.938	1.608	1.608

Justification:

FY 2025 funding of \$3.815 million procures 318 M261 launchers for the Army. Of that amount, \$2.204 million is base funding to procure 184 launchers. Overseas Operations Costs (OOC) funds this requirement in the amount of \$1.611 million for the FY 2025 Budget Estimate. OOC are those financed with former Overseas Contingency Operations funding. The OOC funds on this line procure 134 launchers.

"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 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	12.964	-	-	21.543	-	21.543	-	18.537	-	-	-	53.044
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	12.964	-	-	21.543	-	21.543	-	18.537	-	-	-	53.044
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	12.964	-	-	21.543	-	21.543	-	18.537	-	-	-	53.044

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

BLI 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299 is a new start in FY 2025.

The M299 launchers are qualified to carry and fire the AGM-114 Family of Missiles. Each launcher contains: Launcher electronics assembly (LEA) that communicates with the aircraft via bus commands, provides missile launch sequencing, seeker type ID, missile "Hang fire/Misfire" determination, alternate laser code algorithm processing, and AC to DC power conversion for supplying missile DC power; Wiring harnesses that provide electrical connection from LEA to missile rails (not interchangeable with M272 harnesses); Holdback latch that retains missiles on rails and Safe/Arm switch that mechanically interrupts the arm power going to the LEA. The weight of the M299 launcher (4-Rail Launcher) is approximately 114 pounds and the length of the M299 is approximately 66.3 inches.

Secondary Distribution	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	21.543	-	21.543	-	18.537	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	21.543	-	21.543	-	18.537	-

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

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support **P-1 Line Item Number / Title:** 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299

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-5	J01201 / Hellfire Missile Launcher	P-5a, P-21			- / 12.964	- / -	- / -	- / 21.543	- / -	- / 21.543
P-40	Total Gross/Weapon System Cost				- / 12.964	- / -	- / -	- / 21.543	- / -	- / 21.543

*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:
 Total FY 2025 procurement dollars in the amount of \$21.543 million support the procurement of 100 launchers.

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-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299	Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher

ID Code (A=Service Ready, B=Not Service Ready) :				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)				12.964	-	-	21.543	-	21.543
Less PY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)				12.964	-	-	21.543	-	21.543
Plus CY Advance Procurement (\$ in Millions)				-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)				12.964	-	-	21.543	-	21.543
<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 Thousands)				463.000	-	-	215.430	-	215.430

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 (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
M299 HELLFIRE Launcher ^(†)	91.379	95	8.681	-	-	-	-	-	-	157.500	100	15.750	-	-	-	157.500	100	15.750
Recurring Engineering	-	-	0.596	-	-	-	-	-	-	-	-	0.877	-	-	-	-	-	0.877
Acceptance Testing	-	-	0.055	-	-	-	-	-	-	-	-	0.075	-	-	-	-	-	0.075
<i>Subtotal: Recurring Cost</i>	-	-	9.332	-	-	-	-	-	-	-	-	16.702	-	-	-	-	-	16.702
Non Recurring Cost																		
Tooling and Test Equipment	-	-	0.388	-	-	-	-	-	-	-	-	0.527	-	-	-	-	-	0.527
<i>Subtotal: Non Recurring Cost</i>	-	-	0.388	-	-	-	-	-	-	-	-	0.527	-	-	-	-	-	0.527
<i>Subtotal: Flyaway Cost</i>	-	-	9.720	-	-	-	-	-	-	-	-	17.229	-	-	-	-	-	17.229
Support - Fielding Cost																		
Fielding	-	-	0.376	-	-	-	-	-	-	-	-	0.566	-	-	-	-	-	0.566
<i>Subtotal: Support - Fielding Cost</i>	-	-	0.376	-	-	-	-	-	-	-	-	0.566	-	-	-	-	-	0.566
Support - Production Engineering Cost																		
Production Engineering	-	-	1.473	-	-	-	-	-	-	-	-	1.816	-	-	-	-	-	1.816
<i>Subtotal: Support - Production Engineering Cost</i>	-	-	1.473	-	-	-	-	-	-	-	-	1.816	-	-	-	-	-	1.816
Support - Program Management Cost																		

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Exhibit P-5, Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299	Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

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

Cost Elements	Prior Years			FY 2023			FY 2024			FY 2025 Base			FY 2025 OCO			FY 2025 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Government Management	-	-	1.273	-	-	-	-	-	-	-	-	1.749	-	-	-	-	-	1.749
<i>Subtotal: Support - Program Management Cost</i>	-	-	1.273	-	-	-	-	-	-	-	-	1.749	-	-	-	-	-	1.749
Support - System Test and Evaluation Cost																		
Test and Evaluation Support	-	-	0.122	-	-	-	-	-	-	-	-	0.184	-	-	-	-	-	0.184
<i>Subtotal: Support - System Test and Evaluation Cost</i>	-	-	0.122	-	-	-	-	-	-	-	-	0.184	-	-	-	-	-	0.184
Gross/Weapon System Cost	463.000	-	12.964	-	-	-	-	-	-	215.430	-	21.543	-	-	-	215.430	-	21.543

Remarks:

M299 last funded FY 2021. Unit cost fluctuates from year to year due to changes in total production quantity across all customers.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	21.543	-	21.543
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	21.543	-	21.543

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

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Exhibit P-5a, Procurement History and Planning: PB 2025 Army							Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30			P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299				Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher				

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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
M299 HELLFIRE Launcher ^(†)		2020	Lockheed Martin / Orlando, Florida	C / FPIF	ACC Redstone	Sep 2020	Jun 2022	15	90.067	Y		Jun 2019
M299 HELLFIRE Launcher ^(†)		2021	Lockheed Martin / Orlando, Florida	Option / FPIF	ACC Redstone	May 2021	Feb 2023	69	91.870	Y		Jun 2019
M299 HELLFIRE Launcher ^(†)		2025	Lockheed Martin / Orlando, Florida	C / TBD	ACC Redstone	Mar 2025	Dec 2026	100	157.500	Y		

^(†) indicates the presence of a P-21

Remarks:

FY 2022 option award executed September 2022 for a quantity of 260 for other than Army customers.
 FY 2023 option award planned for September 2024 for a quantity of 400 for other than Army customers.

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Exhibit P-21, Production Schedule: PB 2025 Army														Date: March 2024																											
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30														P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299														Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher													

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	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					

M299 HELLFIRE Launcher

Prior Years Deliveries: 11																																
OCCO	MF	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE	
1		2020	AF (‡)	549	0	549																								A -	549	
1		2020	ARMY	15	0	15																								A -	15	
1		2020	FMS (‡)	82	0	82																								A -	82	
1		2020	NAVY (‡)	126	0	126																								A -	126	
1		2020	OTH (‡)	52	0	52																								A -	52	
1		2020	Total	824	0	824																								-	824	
1		2021	AF (‡)	32	0	32																										0
1		2021	ARMY	69	0	69																										69
1		2021	FMS (‡)	52	0	52																										52
1		2021	NAVY (‡)	154	0	154																										154
1		2021	OTH (‡)	92	0	92																										92
1		2021	Total	399	0	399																										367
1		2025	ARMY	100	0	100																										100

OCCO	MF	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE	

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Exhibit P-21, Production Schedule: PB 2025 Army																				Date: March 2024									
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30										P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299										Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher									

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							
M299 HELLFIRE Launcher																																					
Prior Years Deliveries: 11																																					
1	2020		AF (‡)	549	0	549	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	46	46	46	365			
1	2020		ARMY	15	0	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	0			
1	2020		FMS (‡)	82	0	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	7	54				
1	2020		NAVY (‡)	126	0	126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	10	10	84				
1	2020		OTH (‡)	52	0	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	36				
1	2020		Total	824	0	824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	68	67	67	539					
1	2021		AF (‡)	32	32	0								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1	2021		ARMY	69	0	69								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69				
1	2021		FMS (‡)	52	0	52								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52				
1	2021		NAVY (‡)	154	0	154								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154				
1	2021		OTH (‡)	92	0	92								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92				
1	2021		Total	399	32	367								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	367				
1	2025		ARMY	100	0	100																											100				
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30										P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299										Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023														Fiscal Year 2024														BALANCE			
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023														Calendar Year 2024															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
M299 HELLFIRE Launcher																																				
Prior Years Deliveries: 11																																				
1	2020	AF (†)		549	184	365	46	45	45	45	46	46	46	46																						0
1	2020	ARMY		15	15	0	-	-	-	-	-	-	-	-																						0
1	2020	FMS (†)		82	28	54	7	7	7	5	7	7	7	7																						0
1	2020	NAVY (†)		126	42	84	10	10	10	10	11	11	11	11																						0
1	2020	OTH (†)		52	16	36	4	4	4	4	5	5	5	5																						0
1	2020	Total		824	285	539	67	66	66	64	69	69	69	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
1	2021	AF (†)		32	32	0	-	-	-	-	-	-	-	-																						0
1	2021	ARMY		69	0	69	-	-	-	-	1	1	4	6	6	6	6	6	6	6	6	5	5	5											0	
1	2021	FMS (†)		52	0	52	-	-	-	-	5	5	5	5	5	5	5	4	-	4	4	-	-												0	
1	2021	NAVY (†)		154	0	154	-	-	-	-	13	13	13	13	13	13	13	13	13	12	12	-	-												0	
1	2021	OTH (†)		92	0	92	-	-	-	-	9	9	-	9	9	8	8	8	8	8	8	-	-												0	
1	2021	Total		399	32	367	-	-	-	-	28	28	22	33	33	32	32	32	31	27	30	29	5	5	-	-	-	-	-	-	-	-	0			
1	2025	ARMY		100	0	100																														100
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30										P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299										Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher									

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			
M299 HELLFIRE Launcher																																	
Prior Years Deliveries: 11																																	
	1	2020	AF (‡)	549	549	0																							0				
	1	2020	ARMY	15	15	0																							0				
	1	2020	FMS (‡)	82	82	0																							0				
	1	2020	NAVY (‡)	126	126	0																							0				
	1	2020	OTH (‡)	52	52	0																							0				
	1	2020	Total	824	824	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
	1	2021	AF (‡)	32	32	0																							0				
	1	2021	ARMY	69	69	0																							0				
	1	2021	FMS (‡)	52	52	0																							0				
	1	2021	NAVY (‡)	154	154	0																							0				
	1	2021	OTH (‡)	92	92	0																							0				
	1	2021	Total	399	399	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
	1	2025	ARMY	100	0	100																							100				
							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 Army															Date: March 2024														
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30										P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299										Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2027														Fiscal Year 2028														BALANCE	
O C 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					
M299 HELLFIRE Launcher																																			
Prior Years Deliveries: 11																																			
	1	2020	AF (‡)	549	549	0																							0						
	1	2020	ARMY	15	15	0																							0						
	1	2020	FMS (‡)	82	82	0																							0						
	1	2020	NAVY (‡)	126	126	0																							0						
	1	2020	OTH (‡)	52	52	0																							0						
	1	2020	Total	824	824	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0						
	1	2021	AF (‡)	32	32	0																							0						
	1	2021	ARMY	69	69	0																							0						
	1	2021	FMS (‡)	52	52	0																							0						
	1	2021	NAVY (‡)	154	154	0																							0						
	1	2021	OTH (‡)	92	92	0																							0						
	1	2021	Total	399	399	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0						
	1	2025	ARMY	100	0	100	-	-	9	9	9	9	8	8	8	8	8	8	8										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 Army				Date: March 2024				
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30			P-1 Line Item Number / Title: 9157J01200 / Launcher Guided Missile: Longbow Hellfire XM299				Item Number / Title [DODIC]: J01201 / Hellfire Missile Launcher	

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	Lockheed Martin - Orlando, Florida	100	320	840	0	0	21	21	0	0	21	21

Remarks:

Continuous production through award of FY 2025 production contract sustained by FMS and other services.

FY 2022 option award executed September 2022 for a quantity of 260 for other than Army customers. Quantities will begin deliveries in June 2024.

FY 2023 option award planned for September 2024 for a quantity of 400 for other than Army customers. Quantities will begin deliveries in June 2026.

(±) 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, Budget Line Item Justification: PB 2025 Army **Date:** March 2024

Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support **P-1 Line Item Number / Title:** 9900AZ9999 / CLOSED ACCOUNT ADJUSTMENT

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>)	12.352	0.562	-	-	-	-	-	-	-	-	-	12.914
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	12.352	0.562	-	-	-	-	-	-	-	-	-	12.914
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	12.352	0.562	-	-	-	-	-	-	-	-	-	12.914

(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 Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line is used for closed account/expired year transactions.

Secondary Distribution		FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.562	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.562	-	-	-	-	-	-	-	-

Justification:

AZ9999 has no funding in FY 2025.