Department of Defense
Fiscal Year (FY) 2026 Budget Estimates

June 2025

Army

Justification Book Volume 3a of 3

Research, Development, Test & Evaluation, Army

Budget Activity 5A

Volume 3a Table of Contents

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY
APPROPRIATION LANGUAGE

For expenses necessary for basic and applied scientific research, development, test and evaluation, including maintenance, rehabilitation, lease, and operation of facilities and equipment, $15,395,757,000.00 to remain available for obligation until September 30, 2027.

The FY 2026 Overseas Operations accounted for in the base budget are as follows:

In-theater and in-CONUS expenses that remain after combat operations cease and have been previously funded in Overseas Operations $3,201,000.00.

COST STATEMENT

The following Justification Books were prepared at a cost of $301,924.00: Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 - Tactical & Support Vehicles, Other Procurement Army (OPA) 2 - Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Other Procurement Army (OPA) 6 - Agile Portfolio Management, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, Budget Activity 7, Budget Activity 8, and Budget Activity 9.

FY 2026 RDT&E, ARMY PROGRAM ELEMENT DESCRIPTIVE SUMMARIES
Introduction and Explanation of Contents

1. General. The purpose of this document is to provide summary information concerning the Research, Development, Test and Evaluation, Army program. The descriptive summaries are comprised of R-2 (Army RDT&E Budget Item Justification – program element level), R-2A (Army RDT&E Budget Item Justification – project level), R-3 (Army RDT&E Cost Analysis), R-4 (Schedule Profile Detail) and R-5 (Termination Liability Funding for MDAPs) Exhibits, which provide narrative information on all RDT&E program elements and projects through FY 2026.

2. Relationship of the FY 2026 Budget Submitted to Congress to the FY 2025 Budget Submitted to Congress. This paragraph provides a list of program elements/projects that are major new starts and terminated programs. Explanations for these changes can be found in the narrative sections of the Program Element R-2A Exhibits.

New Start Programs:

Budget Activity	***OSDPE / Project***	***Project Title***
02	0602141A / DN6	Science of Massed Responsive Fires
02	0602147A / DM6	Cannon Fires Automation Research
02	0602150A / HP1	High Power Microwave Technology
02	0602180A / DM7	Counter AI App Rsch
02	0602180A / DM8	AI Enabled Contested Logistics Spt Tools App Tech
02	0602182A / DM9	Distributed Multi-Agent Reasoning and Data Fusion
02	0602184A / DN1	Directed Energy Biological Effects
02	0602184A / DN2	Joint Service Small Arms Enabling Tech
02	0602184A / DO1	Modernized Composites & Manufacturing
03	0603040A / DN3	AI Enabled Contested Logistics Spt Tools Adv Tech
03	0603044A / DN4	Joint Service Small Arms Adv Tech
03	0603044A / DO2	Modernized Composites & Manufacturing Adv Dev
03	0603464A / DM5	Affordable High Speed Strike
04	0603639A / DK7	155mm Artillery Propulsion Mod - Adv Component Dev
04	0603639A / DN7	Mobile Long Range Precision Strike Pgm (M-LRPSM)
05	0604270A / DN9	Modular Electro-Magnetic Spectrum Sys (MEMSS)
05	0604804A / H01	Combat Engineer Eq Ed

05	0604818A / DL8	Predictive Logistics
05	0604854A / DH7	Next Generation Howitzer
05	0605037A / DM1	Detainee Management, Accountability, and Reporting
09	0609277A / A83	Electronic Warfare Technology Maturation
09	0609277A / A85	EW-SIGINT Technology-Innovation Pipeline
09	0609278A / A92	Counter Surveillance Reconnaissance (CSR)

Program Terminations (including transfers to Procurement and Sustainment):

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Budget Activity	***OSDPE / Project***	***Project Title***
02	0602141A / AH8	Lethality Materials and Processes Technology
02	0602181A / CM7	Collaborative Convergence Applied Research
02	0602182A / CX5	Sensing in Contested Environments Technologies
02	0602182A / DE6	Understanding Environment as a Threat Tech
02	0602183A / CL5	Air Platform Enabling University Applied Research
03	0603042A / CX9	Sensing in Contested Environments Adv Technologies
04	0604020A / DC8	Army Experimentation and Prototyping
05	0604641A / CF5	Robotic Combat Vehicle (BA5) NGCV-CFT
07	0205412A / EE6	Environmental Information Tech Modernization

3. Classification: This document contains no classified data. Appropriately cleared individuals can obtain further information on Classified/Special Access Programs by contacting the Department of the Army.

Department of Defense
FY 2026 President's Budget
Exhibit R-1 FY 2026 President's Budget
Total Obligational Authority

(Dollars in Thousands)

Jun 2025

Appropriation	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
Research, Development, Test and Evaluation, Army	17,119,530	14,322,031	41,400	14,363,431	14,549,223	846,534	15,395,757
Total Research, Development, Test, & Evaluation	**17,119,530**	**14,322,031**	**41,400**	**14,363,431**	**14,549,223**	**846,534**	**15,395,757**

Department of Defense
FY 2026 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

Jun 2025

	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
Summary Recap of Budget Activities							
Basic Research	528,659	505,156		505,156	486,544		486,544
Applied Research	1,690,089	1,162,089		1,162,089	860,545		860,545
Advanced Technology Development	2,333,689	1,696,216		1,696,216	1,240,191		1,240,191
Advanced Component Development & Prototypes	4,227,715	2,170,345		2,170,345	2,420,915	417,120	2,838,035
System Development & Demonstration	4,890,110	5,758,500		5,758,500	5,378,817	304,614	5,683,431
Management Support	2,109,102	1,741,185	41,400	1,782,585	1,956,082	103,000	2,059,082
Operational Systems Development	1,236,118	1,213,992		1,213,992	1,426,619	21,800	1,448,419
Software And Digital Technology Pilot Programs	104,048	74,548		74,548	89,238		89,238
Agile RDT&E Portfolio Management					690,272		690,272
Total Research, Development, Test, & Evaluation	**17,119,530**	**14,322,031**	**41,400**	**14,363,431**	**14,549,223**	**846,534**	**15,395,757**
Summary Recap of FYDP Programs							
General Purpose Forces	370,362	452,813		452,813	896,230		896,230
Intelligence and Communications	244,739	144,756		144,756	70,382		70,382
Research and Development	16,356,977	13,053,148	41,400	13,094,548	13,040,127	846,534	13,886,661
Central Supply and Maintenance	118,797	87,187		87,187	67,002		67,002
Administration and Associated Activities	669						
Classified Programs	27,986	584,127		584,127	475,482		475,482
Total Research, Development, Test, & Evaluation	**17,119,530**	**14,322,031**	**41,400**	**14,363,431**	**14,549,223**	**846,534**	**15,395,757**

Department of the Army
FY 2026 President's Budget
Exhibit R-1 FY 2026 President's Budget
Total Obligational Authority
(Dollars in Thousands)

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
1	0601102A	Defense Research Sciences	01	U	322,341	297,680		297,680	237,678		237,678
2	0601103A	University Research Initiatives	01	U	72,781	78,166		78,166	78,947		78,947
3	0601104A	University and Industry Research Centers	01	U	117,872	113,476		113,476	69,391		69,391
4	0601121A	Cyber Collaborative Research Alliance	01	U	5,459	5,525		5,525	5,463		5,463
5	0601275A	Electronic Warfare Basic Research	01	U					88,053		88,053
6	0601601A	Artificial Intelligence and Machine Learning Basic Research	01	U	10,206	10,309		10,309	7,012		7,012
	Basic Research				**528,659**	**505,156**		**505,156**	**486,544**		**486,544**
7	0602002A	Army Agile Innovation and Development-Applied Research	02	U	964	1,000		1,000	9,455		9,455
8	0602134A	Counter Improvised-Threat Advanced Studies	02	U	6,014	6,163		6,163	6,174		6,174
9	0602135A	Counter Small Unmanned Aerial Systems (C-SUAS) Applied Research	02	U					12,618		12,618
10	0602141A	Lethality Technology	02	U	145,375	128,659		128,659	97,157		97,157
11	0602142A	Army Applied Research	02	U	38,072						
12	0602143A	Soldier Lethality Technology	02	U	209,084	137,771		137,771	72,670		72,670
13	0602144A	Ground Technology	02	U	266,663	155,829		155,829	56,342		56,342
14	0602145A	Next Generation Combat Vehicle Technology	02	U	248,335	167,233		167,233	71,547		71,547
15	0602146A	Network C3I Technology	02	U	135,543	110,417		110,417	56,529		56,529
16	0602147A	Long Range Precision Fires Technology	02	U	96,154	67,589		67,589	25,744		25,744
17	0602148A	Future Verticle Lift Technology	02	U	104,850	52,350		52,350	20,420		20,420
18	0602150A	Air and Missile Defense Technology	02	U	102,784	49,188		49,188	25,992		25,992
19	0602180A	Artificial Intelligence and Machine Learning Technologies	02	U	23,702	20,319		20,319	13,745		13,745

Department of the Army
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Exhibit R-1 FY 2026 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Jun 2025

Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
20	0602181A	All Domain Convergence Applied Research	02	U	13,775	12,269		12,269			
21	0602182A	C3I Applied Research	02	U	31,635	25,839		25,839	22,317		22,317
22	0602183A	Air Platform Applied Research	02	U	53,611	48,854		48,854	53,305		53,305
23	0602184A	Soldier Applied Research	02	U	17,622	14,131		14,131	27,597		27,597
24	0602213A	C3I Applied Cyber	02	U	20,664	28,656		28,656	4,716		4,716
25	0602275A	Electronic Warfare Applied Research	02	U					45,415		45,415
26	0602276A	Electronic Warfare Cyber Applied Research	02	U					17,102		17,102
27	0602345A	Unmanned Aerial Systems Launched Effects Applied Research	02	U					18,408		18,408
28	0602386A	Biotechnology for Materials - Applied Research	02	U	16,060	11,780		11,780	8,209		8,209
30	0602785A	Manpower/Personnel/Training Technology	02	U	19,667	19,795		19,795	17,191		17,191
31	0602787A	Medical Technology	02	U	139,515	68,481		68,481	143,293		143,293
999	999999999	Classified Programs	02	U		35,766		35,766	34,599		34,599
	Applied Research				**1,690,089**	**1,162,089**		**1,162,089**	**860,545**		**860,545**
32	0603002A	Medical Advanced Technology	03	U	18,730	8,112		8,112	1,860		1,860
33	0603007A	Manpower, Personnel and Training Advanced Technology	03	U	15,845	16,716		16,716	13,559		13,559
34	0603025A	Army Agile Innovation and Demonstration	03	U	25,513	14,608		14,608	19,679		19,679
35	0603040A	Artificial Intelligence and Machine Learning Advanced Technologies	03	U	23,909	30,263		30,263	20,487		20,487
36	0603041A	All Domain Convergence Advanced Technology	03	U	26,721	23,722		23,722	10,560		10,560
37	0603042A	C3I Advanced Technology	03	U	18,590	21,889		21,889	15,028		15,028

Department of the Army
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(Dollars in Thousands)

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
38	0603043A	Air Platform Advanced Technology	03	U	13,648	17,076		17,076	41,266		41,266
39	0603044A	Soldier Advanced Technology	03	U	1,170	14,094		14,094	18,143		18,143
40	0603116A	Lethality Advanced Technology	03	U	70,529	49,629		49,629	13,232		13,232
41	0603117A	Army Advanced Technology Development	03	U	140,980						
42	0603118A	Soldier Lethality Advanced Technology	03	U	125,951	98,032		98,032	95,186		95,186
43	0603119A	Ground Advanced Technology	03	U	276,299	87,775		87,775	30,507		30,507
44	0603134A	Counter Improvised-Threat Simulation	03	U	20,965	21,398		21,398	15,692		15,692
45	0603135A	Counter Small Unmanned Aerial Systems (C-SUAS) Advanced Technology	03	U					7,773		7,773
46	0603275A	Electronic Warfare Advanced Technology	03	U					83,922		83,922
47	0603276A	Electronic Warfare Cyber Advanced Technology	03	U					15,254		15,254
48	0603345A	Unmanned Aerial Systems Launched Effects Advanced Technology Development	03	U					13,898		13,898
49	0603386A	Biotechnology for Materials - Advanced Research	03	U	57,686	36,360		36,360	24,683		24,683
50	0603457A	C3I Cyber Advanced Development	03	U	28,275	39,616		39,616	3,329		3,329
51	0603461A	High Performance Computing Modernization Program	03	U	246,739	239,597		239,597	241,855		241,855
52	0603462A	Next Generation Combat Vehicle Advanced Technology	03	U	433,324	254,662		254,662	141,301		141,301
53	0603463A	Network C3I Advanced Technology	03	U	214,351	142,224		142,224	78,539		78,539
54	0603464A	Long Range Precision Fires Advanced Technology	03	U	233,806	164,943		164,943	162,236		162,236

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
55	0603465A	Future Vertical Lift Advanced Technology	03	U	219,137	175,369		175,369	66,686		66,686
56	0603466A	Air and Missile Defense Advanced Technology	03	U	98,784	61,333		61,333	23,330		23,330
58	0603920A	Humanitarian Demining	03	U	22,737	23,272		23,272	9,349		9,349
999	999999999	Classified Programs	03	U		155,526		155,526	72,837		72,837
	Advanced Technology Development				**2,333,689**	**1,696,216**		**1,696,216**	**1,240,191**		**1,240,191**
60	0603305A	Army Missle Defense Systems Integration	04	U	48,763	20,031		20,031	8,141		8,141
61	0603308A	Army Space Systems Integration	04	U	28,813	29,659		29,659	83,080		83,080
62	0603327A	Air and Missile Defense Systems Engineering	04	U	13,000	30,000		30,000			
63	0603619A	Landmine Warfare and Barrier - Adv Dev	04	U	60,202	60,617		60,617	41,516		41,516
64	0603639A	Tank and Medium Caliber Ammunition	04	U	90,139	102,027		102,027	85,472	100,000	185,472
65	0603645A	Armored System Modernization - Adv Dev	04	U	54,456	23,235		23,235	22,645		22,645
66	0603747A	Soldier Support and Survivability	04	U	3,420	4,059		4,059	4,033		4,033
67	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	U	72,259	87,765		87,765	107,525		107,525
68	0603774A	Night Vision Systems Advanced Development	04	U	41,941	20,714		20,714	5,153		5,153
69	0603779A	Environmental Quality Technology - Dem/Val	04	U	19,369	23,299		23,299	11,343		11,343
70	0603790A	NATO Research and Development	04	U	3,987	4,184		4,184	5,031		5,031
71	0603801A	Aviation - Adv Dev	04	U	1,452,331	4,943		4,943			
72	0603804A	Logistics and Engineer Equipment - Adv Dev	04	U	22,846	19,995		19,995	15,435		15,435
73	0603807A	Medical Systems - Adv Dev	04	U	7,999	582		582	1,000		1,000

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Total Obligational Authority
(Dollars in Thousands)

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
74	0603827A	Soldier Systems - Advanced Development	04	U	41,551	24,284		24,284	41,856		41,856
75	0604017A	Robotics Development	04	U	2,912	13,039		13,039	35,082		35,082
76	0604019A	Expanded Mission Area Missile (EMAM)	04	U	109,752	83,516		83,516	178,137	99,000	277,137
77	0604020A	Cross Functional Team (CFT) Advanced Development & Prototyping	04	U	61,779	40,409		40,409			
78	0604035A	Low Earth Orbit (LEO) Satellite Capability	04	U	37,433	21,935		21,935	17,063		17,063
79	0604036A	Multi-Domain Sensing System (MDSS) Adv Dev	04	U	185,831	188,228		188,228	239,813		239,813
80	0604037A	Tactical Intel Targeting Access Node (TITAN) Adv Dev	04	U	10,626	4,317		4,317	3,092		3,092
81	0604100A	Analysis Of Alternatives	04	U	10,690	11,234		11,234	9,865		9,865
82	0604101A	Small Unmanned Aerial Vehicle (SUAV) (6.4)	04	U	4,956	1,800		1,800			
83	0604103A	Electronic Warfare Planning and Management Tool (EWPMT)	04	U	2,260	2,004		2,004			
84	0604113A	Future Tactical Unmanned Aircraft System (FTUAS)	04	U	67,143	127,870		127,870			
85	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor	04	U	511,014	127,428		127,428	196,448	14,000	210,448
86	0604115A	Technology Maturation Initiatives	04	U	244,710	252,000		252,000	267,619		267,619
87	0604117A	Maneuver - Short Range Air Defense (M-SHORAD)	04	U	290,256	274,542		274,542	238,247	60,120	298,367
88	0604119A	Army Advanced Component Development & Prototyping	04	U	204,914						
89	0604120A	Assured Positioning, Navigation and Timing (PNT)	04	U	39,223	24,168		24,168	8,686		8,686
90	0604121A	Synthetic Training Environment Refinement & Prototyping	04	U	115,519	115,140		115,140	240,899		240,899

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(Dollars in Thousands)

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91	0604134A	Counter Improvised-Threat Demonstration, Prototype Development, and Testing	04	U	15,826	17,341		17,341	5,491		5,491
92	0604135A	Strategic Mid-Range Fires	04	U	25,342				231,401		231,401
93	0604182A	Hypersonics	04	U	201,193				25,000		25,000
94	0604386A	Biotechnology for Materials - Dem/Val	04	U		10,651		10,651			
95	0604403A	Future Interceptor	04	U	3,899	8,058		8,058	8,019	144,000	152,019
97	0604531A	Counter - Small Unmanned Aircraft Systems Advanced Development	04	U	54,854	79,983		79,983	45,281		45,281
99	0604541A	Unified Network Transport	04	U	47,233	31,837		31,837	29,191		29,191
100	0305251A	Cyberspace Operations Forces and Force Support	04	U	74	2,270		2,270	5,605		5,605
999	999999999	Classified Programs	04	U	19,200	277,181		277,181	203,746		203,746
	Advanced Component Development & Prototypes				**4,227,715**	**2,170,345**		**2,170,345**	**2,420,915**	**417,120**	**2,838,035**
101	0604201A	Aircraft Avionics	05	U	21,173	7,171		7,171	2,696		2,696
102	0604270A	Electronic Warfare Development	05	U	12,310	33,247		33,247	9,153		9,153
103	0604601A	Infantry Support Weapons	05	U	80,777	57,686		57,686	56,553		56,553
104	0604604A	Medium Tactical Vehicles	05	U	17,561	3,565		3,565	18,503		18,503
105	0604611A	JAVELIN	05	U	7,541	10,405		10,405	9,810		9,810
106	0604622A	Family of Heavy Tactical Vehicles	05	U	40,175	34,690		34,690	47,064		47,064
107	0604633A	Air Traffic Control	05	U	11,093	982		982			
108	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	05	U	136,937	92,540		92,540			
109	0604642A	Light Tactical Wheeled Vehicles	05	U	3,394	3,000		3,000			
110	0604645A	Armored Systems Modernization (ASM) - Eng Dev	05	U	95,580	48,097		48,097	16,593		16,593
111	0604710A	Night Vision Systems - Eng Dev	05	U	145,135	139,309		139,309	351,274		351,274

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(Dollars in Thousands)

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
112	0604713A	Combat Feeding, Clothing, and Equipment	05	U	2,170	3,286		3,286	5,654		5,654
113	0604715A	Non-System Training Devices - Eng Dev	05	U	20,585	28,427		28,427	19,063		19,063
114	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	05	U	86,990	73,653		73,653	13,892		13,892
115	0604742A	Constructive Simulation Systems Development	05	U	29,854	30,097		30,097	7,790		7,790
116	0604746A	Automatic Test Equipment Development	05	U	13,129	12,927		12,927	9,512		9,512
117	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev	05	U	8,481	8,914		8,914	7,724		7,724
118	0604798A	Brigade Analysis, Integration and Evaluation	05	U	21,750	26,352		26,352	24,318		24,318
119	0604802A	Weapons and Munitions - Eng Dev	05	U	270,231	251,949		251,949	150,344		150,344
120	0604804A	Logistics and Engineer Equipment - Eng Dev	05	U	58,554	46,829		46,829	50,194		50,194
121	0604805A	Command, Control, Communications Systems - Eng Dev	05	U	47,965	92,300		92,300	63,725		63,725
122	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	05	U	10,984	7,143		7,143	6,252		6,252
123	0604808A	Landmine Warfare/Barrier - Eng Dev	05	U	33,085	54,134		54,134	9,862		9,862
124	0604818A	Army Tactical Command & Control Hardware & Software	05	U	154,317	134,162		134,162	430,895	2,430	433,325
125	0604820A	Radar Development	05	U	78,363	41,584		41,584	53,226	18,000	71,226
126	0604822A	General Fund Enterprise Business System (GFEBS)	05	U	16,011	1,995		1,995			
127	0604827A	Soldier Systems - Warrior Dem/Val	05	U	18,892	29,132		29,132	4,137		4,137
128	0604852A	Suite of Survivability Enhancement Systems - EMD	05	U	70,384	77,864		77,864	76,903		76,903

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
129	0604854A	Artillery Systems - EMD	05	U	45,939	42,479		42,479	80,862		80,862
130	0605013A	Information Technology Development	05	U	96,090	102,704		102,704	125,701		125,701
131	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)	05	U	86,914	121,354		121,354	164,600		164,600
132	0605030A	Joint Tactical Network Center (JTNC)	05	U	17,981	20,191		20,191	20,954		20,954
133	0605031A	Joint Tactical Network (JTN)	05	U	29,221	31,214		31,214	41,696		41,696
134	0605035A	Common Infrared Countermeasures (CIRCM)	05	U	10,959	11,691		11,691	10,789		10,789
135	0605036A	Combating Weapons of Mass Destruction (CWMD)	05	U	1,012	7,846		7,846	13,322		13,322
136	0605037A	Evidence Collection and Detainee Processing	05	U					4,619		4,619
137	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite	05	U		7,886		7,886	13,459		13,459
138	0605041A	Defensive CYBER Tool Development	05	U	13,386	4,176		4,176	3,611		3,611
139	0605042A	Tactical Network Radio Systems (Low-Tier)	05	U	4,160	4,288		4,288	3,222		3,222
140	0605047A	Contract Writing System	05	U	12,390	9,276		9,276	8,101		8,101
141	0605049A	Missile Warning System Modernization (MWSM)	05	U	19,508						
142	0605051A	Aircraft Survivability Development	05	U	23,991	38,225		38,225	44,182		44,182
143	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1	05	U	172,705	140,912		140,912	248,659		248,659
144	0605053A	Ground Robotics	05	U	26,704	28,378		28,378	227,038		227,038
145	0605054A	Emerging Technology Initiatives	05	U	115,356	126,658		126,658	57,546	87,000	144,546
146	0605144A	Next Generation Load Device - Medium	05	U	36,970	2,931		2,931	24,492		24,492

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
147	0605148A	Tactical Intel Targeting Access Node (TITAN) EMD	05	U	128,784	149,112		149,112	44,273		44,273
148	0605203A	Army System Development & Demonstration	05	U	81,657						
149	0605205A	Small Unmanned Aerial Vehicle (SUAV) (6.5)	05	U	20,865	24,474		24,474			
150	0605206A	CI and HUMINT Equipment Program-Army (CIHEP-A)	05	U	2,170	1,296		1,296			
151	0605216A	Joint Targeting Integrated Command and Coordination Suite (JTIC2S)	05	U	8,951	21,415		21,415			
152	0605224A	Multi-Domain Intelligence	05	U	23,605	18,913		18,913	34,844		34,844
153	0605231A	Precision Strike Missile (PrSM)	05	U	262,829	184,046		184,046		197,184	197,184
154	0605232A	Hypersonics EMD	05	U	772,174	469,775		469,775	513,027		513,027
155	0605233A	Accessions Information Environment (AIE)	05	U	26,362	32,265		32,265	32,710		32,710
156	0605235A	Strategic Mid-Range Capability	05	U	255,121	182,823		182,823	186,304		186,304
157	0605236A	Integrated Tactical Communications	05	U	18,065	12,224		12,224	22,732		22,732
158	0605241A	Future Long Range Assault Aircraft Development	05	U		1,253,637		1,253,637	1,248,544		1,248,544
159	0605242A	Theater SIGINT System (TSIGS)	05	U		3,660		3,660			
160	0605244A	Joint Reduced Range Rocket (JR3)	05	U		13,565		13,565	28,893		28,893
161	0605247A	Spectrum Situational Awareness System (S2AS)	05	U		4,665		4,665			
162	0605450A	Joint Air-to-Ground Missile (JAGM)	05	U	2,904	3,030		3,030			
163	0605457A	Army Integrated Air and Missile Defense (AIAMD)	05	U	285,411	587,068		587,068	146,056		146,056
164	0605531A	Counter - Small Unmanned Aircraft Systems Sys Dev & Demonstration	05	U	34,701	59,563		59,563	55,196		55,196
166	0605625A	Manned Ground Vehicle	05	U	565,047	499,478		499,478	386,393		386,393

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
167	0605766A	National Capabilities Integration (MIP)	05	U	15,129	16,565		16,565	16,913		16,913
168	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)	05	U					2,664		2,664
169	0605830A	Aviation Ground Support Equipment	05	U	1,124	979		979	930		930
170	0303032A	TROJAN - RH12	05	U	3,879	3,930		3,930	3,920		3,920
171	0303767A	AMBIT - Pre-Auctioned SRF	05	U	20,791						
172	0304270A	Electronic Warfare Development	05	U	133,834	81,232		81,232			
999	999999999	Classified Programs	05	U		83,136		83,136	117,428		117,428
	System Development & Demonstration				**4,890,110**	**5,758,500**		**5,758,500**	**5,378,817**	**304,614**	**5,683,431**
173	0604256A	Threat Simulator Development	06	U	71,587	75,298		75,298	74,767		74,767
174	0604258A	Target Systems Development	06	U	33,940	27,788		27,788	16,004		16,004
175	0604759A	Major T&E Investment	06	U	87,687	98,613		98,613	101,027		101,027
176	0605103A	Rand Arroyo Center	06	U	35,312	38,122		38,122	10,892		10,892
177	0605301A	Army Kwajalein Atoll	06	U	341,771	321,755	41,400	363,155	379,283		379,283
178	0605326A	Concepts Experimentation Program	06	U	86,765	80,845		80,845	58,606		58,606
179	0605502A	Small Business Innovative Research	06	U	409,981						
180	0605601A	Army Test Ranges and Facilities	06	U	441,173	466,085		466,085	425,108		425,108
181	0605602A	Army Technical Test Instrumentation and Targets	06	U	45,679	74,004		74,004	69,328		69,328
182	0605604A	Survivability/Lethality Analysis	06	U	37,005	36,815		36,815	31,306		31,306
183	0605606A	Aircraft Certification	06	U	2,718	2,201		2,201	1,887		1,887
184	0605706A	Materiel Systems Analysis	06	U	23,402	23,338		23,338	19,100		19,100
185	0605709A	Exploitation of Foreign Items	06	U	7,805	6,245		6,245	6,277		6,277

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
186	0605712A	Support of Operational Testing	06	U	74,128	76,088		76,088	63,637		63,637
187	0605716A	Army Evaluation Center	06	U	71,118	73,220		73,220	62,343		62,343
188	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ	06	U	6,136	11,257		11,257	11,825		11,825
189	0605801A	Programwide Activities	06	U	86,384	91,895		91,895	54,172		54,172
190	0605803A	Technical Information Activities	06	U	30,422	32,385		32,385	26,592		26,592
191	0605805A	Munitions Standardization, Effectiveness and Safety	06	U	56,069	50,766		50,766	44,465		44,465
192	0605857A	Environmental Quality Technology Mgmt Support	06	U	1,570	1,659		1,659	2,857		2,857
193	0605898A	Army Direct Report Headquarters - R&D - MHA	06	U	55,497	59,727		59,727	53,436		53,436
194	0606002A	Ronald Reagan Ballistic Missile Defense Test Site	06	U	89,911	73,400		73,400	72,302		72,302
195	0606003A	CounterIntel and Human Intel Modernization	06	U	6,348	9,574		9,574	5,660		5,660
196	0606118A	AIAMD Software Development & Integration	06	U					358,854	103,000	461,854
197	0606942A	Assessments and Evaluations Cyber Vulnerabilities	06	U	6,025	10,105		10,105	6,354		6,354
198	0909999A	Financing for Cancelled Account Adjustments	06	U	669						
	Management Support				**2,109,102**	**1,741,185**	**41,400**	**1,782,585**	**1,956,082**	**103,000**	**2,059,082**
199	0603778A	MLRS Product Improvement Program	07	U	13,937	14,188		14,188	14,639		14,639
200	0605024A	Anti-Tamper Technology Support	07	U	7,274	7,489		7,489	6,449		6,449
201	0607101A	Combating Weapons of Mass Destruction (CWMD) Product Improvement	07	U		271		271	115		115
202	0607131A	Weapons and Munitions Product Improvement Programs	07	U	61,735	31,563		31,563	13,687		13,687

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
203	0607136A	Blackhawk Product Improvement Program	07	U	40,923	125,000		125,000	23,998		23,998
204	0607137A	Chinook Product Improvement Program	07	U	20,386	4,816		4,816	10,859		10,859
205	0607139A	Improved Turbine Engine Program	07	U	182,204	130,029		130,029			
206	0607142A	Aviation Rocket System Product Improvement and Development	07	U	2,904						
207	0607143A	Unmanned Aircraft System Universal Products	07	U	24,466	24,539		24,539			
208	0607145A	Apache Future Development	07	U	44,762	8,243		8,243	44,371		44,371
209	0607148A	AN/TPQ-53 Counterfire Target Acquisition Radar System	07	U	52,190	53,652		53,652	43,054		43,054
210	0607150A	Intel Cyber Development	07	U	4,345	9,753		9,753	13,129		13,129
211	0607212A	TENCAP Enhancements	07	U						6,800	6,800
212	0607312A	Army Operational Systems Development	07	U	19,000						
213	0607313A	Electronic Warfare Development	07	U	6,389	5,559		5,559			
215	0607665A	Family of Biometrics	07	U	768	590		590	1,594		1,594
216	0607865A	Patriot Product Improvement	07	U	170,729	168,458		168,458	183,763	15,000	198,763
217	0203728A	Joint Automated Deep Operation Coordination System (JADOCS)	07	U	37,535	27,582		27,582	8,424		8,424
218	0203735A	Combat Vehicle Improvement Programs	07	U	223,719	326,579		326,579	744,085		744,085
219	0203743A	155mm Self-Propelled Howitzer Improvements	07	U	22,066	47,870		47,870	107,826		107,826
220	0203752A	Aircraft Engine Component Improvement Program	07	U	146	142		142	237		237
221	0203758A	Digitization	07	U	1,460	1,562		1,562	1,013		1,013
222	0203801A	Missile/Air Defense Product Improvement Program	07	U	4,203	1,511		1,511	1,338		1,338

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Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
223	0203802A	Other Missile Product Improvement Programs	07	U	9,677	26,708		26,708			
224	0205412A	Environmental Quality Technology - Operational System Dev	07	U	271	269		269			
225	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	07	U	70,808	20,590		20,590	33,307		33,307
226	0208053A	Joint Tactical Ground System	07	U	477						
229	0303028A	Security and Intelligence Activities	07	U	16,290						
230	0303140A	Information Systems Security Program	07	U	15,323	15,733		15,733	15,040		15,040
231	0303141A	Global Combat Support System	07	U	12,605	2,566		2,566			
232	0303142A	SATCOM Ground Environment (SPACE)	07	U	25,858	26,643		26,643	35,720		35,720
235	0305179A	Integrated Broadcast Service (IBS)	07	U	9,456	5,701		5,701	6,653		6,653
236	0305219A	MQ-1 Gray Eagle UAV	07	U	6,629	6,681		6,681	3,444		3,444
237	0708045A	End Item Industrial Preparedness Activities	07	U	118,797	87,187		87,187	67,002		67,002
999	999999999	Classified Programs	07	U	8,786	32,518		32,518	46,872		46,872
	Operational Systems Development				**1,236,118**	**1,213,992**		**1,213,992**	**1,426,619**	**21,800**	**1,448,419**
238	0608041A	Defensive CYBER - Software Prototype Development	08	U	104,048	74,548		74,548	89,238		89,238
	Software And Digital Technology Pilot Programs				**104,048**	**74,548**		**74,548**	**89,238**		**89,238**
239	0609135A	Counter Unmanned Aerial Systems (UAS) Agile Development	09	U					143,618		143,618
240	0609277A	Electronic Warfare Agile Development	09	U					127,081		127,081
241	0609278A	Electronic Warfare Agile Systems Development	09	U					59,202		59,202
242	0609345A	Unmanned Aerial Systems Launched Effects Agile Systems Development	09	U					187,473		187,473

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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request	FY 2026 Reconciliation Request	FY 2026 Total
243	0609346A	UAS Launched Effects Agile Development	09	U					172,898		172,898
	Agile RDT&E Portfolion Management								**690,272**		**690,272**
Total Research, Development, Test and Evaluation, Army					**17,119,530**	**14,322,031**	**41,400**	**14,363,431**	**14,549,223**	**846,534**	**15,395,757**

Program Element Table of Contents (by Budget Activity then Line Item Number)

Appropriation 2040: Research, Development, Test & Evaluation, Army

Program Element Table of Contents (Alphabetically by Program Element Title)

All figures in this exhibit are for the FY 2026 discretionary appropriations President's Budget request unless otherwise noted.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604201A *I Aircraft Avionics*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	21.173	7.171	2.696	-	2.696	-	-	-	-	-	-
C97: *ACFT Avionics*	-	9.224	5.010	-	-	-	-	-	-	-	-	-
VU3: *Networking And Mission Planning*	-	11.949	2.161	2.696	-	2.696	-	-	-	-	-	-

Note

The Aviation Architecture & Environment Exploitation (A2E2) PdM Office is looking to reprogram AA0712000 APA funds in FY28-FY30 captured under the P form Cost Element in the P3a CICD to 654201-VU3 and RDTE. FY28 $23722, FY29 $27,339, and FY30 $19,963 in accordance with Army Directive 2024-02 from Assistant Secretary of the Army Acquisition, Logistics and Technology (ASA ALT) signed 10 December 2024 Software and Cloud Activity Funding Policy.

A. Mission Description and Budget Item Justification

This Program Element provides funding to support modification and development activities necessary to support Aircraft Avionics modernization requirements necessary to meet the evolving Army Avionics priorities.

A portion of this funding line is directly aligned to the Assured Positioning, Navigation, and Timing (A-PNT) Army Modernization Priority. Tasks in this Program Element support research, development, and test efforts in the Engineering and Manufacturing Development phases of these systems. Alternate Position, Navigation, and Timing (ALT-PNT) capabilities, non-Global Positioning System (non-GPS), and/or complimentary Positioning, Navigation, and Timing (PNT) solutions will be studied and developed as standalone or blended navigation functions.

Alternate Position, Navigation, and Timing (ALT-PNT) enables precise navigation and timing during Multidomain Operations (MDO) operations in the absence of Global Positioning System (GPS) by leveraging Alternate Navigation (ALT-NAV) and Vision Based Navigation (VBN) efforts and providing a secure and reliable fused PNT solution utilizing new and existing high-grade sensors available on manned aviation aircraft. ALT-PNT utilizes Modular Open System Architecture (MOSA) standards allowing rapid and affordable platform integration, adopting of new technologies, and adjustment to changes in adversarial capability.

The Improved Data Modem (IDM) is a mission computer that requires software to provide functionality. The 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). IDM 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). The IDM 401 requires updated technology to mitigate obsolescence and enable multi-core processing to meet requirements for air to ground communications. The IDM Open System REMAN (OSR) will serve as the steppingstone for a longer-term solution, the General-Purpose Computing Platform (GPCP).

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604201A *I Aircraft Avionics*

The Aviation Mission Common Server (AMCS) will become a General-Purpose Computing Platform (GPCP). The GPCP will provide a more capable, computing environment to process broader use cases and enable the Next Generation Command and Control (NGC2) on the Aviation fleet. The GPCP will utilize 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 GPCP will enable the hosting of software applications to communicate, navigate, sense, and deploy weapon systems across the Joint Force in support of future aviation operations. It will support 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 GPCP will begin development in FY28 and production in FY31.

The Aviation Mission Planning System (AMPS) is a system used to conduct pre-mission and aircraft performance planning. It receives data from multiple sources and provides that data digitally to the aircraft to support aviation missions. AMPS is used for automated mission planning, risk assessment, and transfer of mission data to aviation platforms within an aviation unit. This includes route generation, performance planning, communications planning, terrain analysis, data transfer, and mission rehearsal. These efforts include development and testing of a new underlying architecture to support the move of Army Aviation Mission Planning from the current structure to one that supports synchronization both vertically and horizontally between aviation and ground forces. It will allow aircrews to continually plan and update route, threat, and performance data throughout all phases of an aviation mission. Development of a mobile aircraft performance planning/weight and balance calculator is currently underway and will be the first migration of AMPS capabilities to a mobile hardware agnostic environment.

The AN/ARC-220 High Frequency (HF) Radio is a US Army rotary wing high frequency solution which is operational on over 2,400 Army helicopters (primarily CH-47, UH-60, and AH-64). Key capabilities are voice and data, automatic link establishment, text messaging, position reporting, and selective calling. It is also voice interoperable with standard ground HF systems in use today. Efforts include development of an Airborne Radio Control Manager (ARCM) driver to enhance the modernization of the AN/ARC-220 HF Radio.

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	13.673	7.171	2.838	-	2.838
Current President's Budget	21.173	7.171	2.696	-	2.696
Total Adjustments	7.500	0.000	-0.142	-	-0.142
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	8.000	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.001	-			
• SBIR/STTR Transfer	-0.499	-			
• Adjustments to Budget Years	-	-	-0.142	-	-0.142

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Project: C97: *ACFT Avionics*		

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604201A *I Aircraft Avionics*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Congressional Add: *AltNav Capability*	8.000	-
Congressional Add Subtotals for Project: C97	8.000	-
Congressional Add Totals for all Projects	8.000	-

Change Summary Explanation

Decrease in FY 2026 funding from the previous PB to the current PB due to revised economic assumptions.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604201A / *Aircraft Avionics*	Project (Number/Name) C97 / *ACFT Avionics*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
C97: *ACFT Avionics*	-	9.224	5.010	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Tasks in this Program Element support research, development, and test efforts in the Engineering and Manufacturing Development phases of Aircraft Avionics systems. Alternate capabilities, non-Global Positioning System (non-GPS), and/or complimentary Position, Navigation, and Timing (PNT) solutions are investigated, studied, evaluated, and developed as standalone or blended navigation functions.

The Alternate Position, Navigation, and Timing (ALT-PNT) enables precise navigation and timing during Multidomain Operations (MDO) in the absence of Global Positioning System (GPS) by leveraging Alternate Navigation (ALT-NAV) signals of opportunity and Vision Based Navigation (VBN) efforts and providing a secure and reliable fused PNT solution utilizing new and existing high-grade sensors available on manned aviation aircraft. ALT-PNT utilizes Modular Open System Architecture (MOSA) standards allowing rapid and affordable platform integration, adopting of new technologies, and adjustment to changes in adversarial capabilities.

In accordance with Section 1611 of the FY 2021 National Defense Authorization Act (RESILIENT AND SURVIVABLE POSITIONING, NAVIGATION, AND TIMING CAPABILITIES), ALT-PNT is necessary (A) to generate resilient and survivable alternative positioning, navigation, and timing signals; and (B) to process resilient survivable data provided by signals of opportunity and on-board sensor systems.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: EAGLE Navigation System A-PNT Integration	1.224	5.010	-
Description: Initiate development of software and hardware airworthiness qualification artifacts for the Alternate Position, Navigation, and Timing (ALT-PNT) Fusion Engine using Vision Based Navigation (VBN) and Alternate Navigation (ALT-NAV) signals of opportunity. Perform ALT-PNT functional and performance Safety of Flight test demonstration. ***FY 2025 Plans:*** Continuing the development of ALT-PNT capabilities to enable precise navigation and timing during MDO operations in the absence of GPS by leveraging ALT-NAV and VBN efforts and providing a secure and reliable fused PNT solution utilizing new and existing high-grade sensors available on manned aviation aircraft. ALT-PNT utilizes MOSA standards allowing rapid and affordable platform integration, adopting of new technologies, and adjustment to changes in adversarial capability. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to FY 2025 being the last year of funding for Project C97 in support of EAGLE-M development and continued development of ALT-PNT capabilities to enable precise navigation and timing during MDO operations in the absence of GPS by leveraging ALT-NAV and VBN efforts.			
Accomplishments/Planned Programs Subtotals	1.224	5.010	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** C97 / *ACFT Avionics*

	FY 2024	FY 2025
Congressional Add: AltNav Capability	8.000	-
FY 2024 Accomplishments: Initiate development of software and hardware airworthiness qualification artifacts for the Alternate Position, Navigation, and Timing (ALT-PNT) Fusion Engine using Vision Based Navigation (VBN) and Alternate Navigation (ALT-NAV) signals of opportunity. Perform ALT-PNT functional and performance Safety of Flight test demonstration.		
Congressional Adds Subtotals	8.000	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• AA0723: *Comms, Nav Surveillance*	74.912	61.362	11.566	-	11.566	-	-	-	-	-	-
• AA0704: *GATM - Rotary Wing Aircraft*	8.924	4.842	4.651	-	4.651	-	-	-	-	-	-
• A01006: *Aviation ASSURED PNT*	67.383	69.161	49.475	-	49.475	-	-	-	-	-	-
• C97: *ACFT Avionics*	9.224	5.010	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

This project is comprised of multiple systems supporting aircraft avionics. While the detailed acquisition strategy varies from program to program, the general strategy is for each individual program to complete the development and testing efforts in coordination with the aircraft platforms on integration issues, use the various contracts of the aircraft platforms original equipment manufacturers on integration efforts, and utilize the U.S. Army Combat Capabilities Development Command (DEVCOM) Aviation & Missile Center (AvMC) Technology Development Directorate (TDD) for software development. This requires the use of various contract methods and types to accomplish the aircraft avionics development efforts. All required acquisition program documentation is prepared.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604201A / *Aircraft Avionics*	Project (Number/Name) C97 / *ACFT Avionics*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
EAGLE M-Code/ALT PNT	SS/CPFF	Honeywell International : Clearwater, FL	9.577	1.224	Jan 2024	5.010	Jan 2025	-		-		-	0.000	15.811	-
Congressional Add Program Increase ALT-PNT	SS/CPFF	Honeywell International : Clearwater, FL	-	8.000		-		-		-		-	0.000	8.000	-
		Subtotal	9.577	9.224		5.010		-		-		-	0.000	23.811	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	9.577	9.224		5.010		-		-		-	0.000	23.811	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** C97 / *ACFT Avionics*

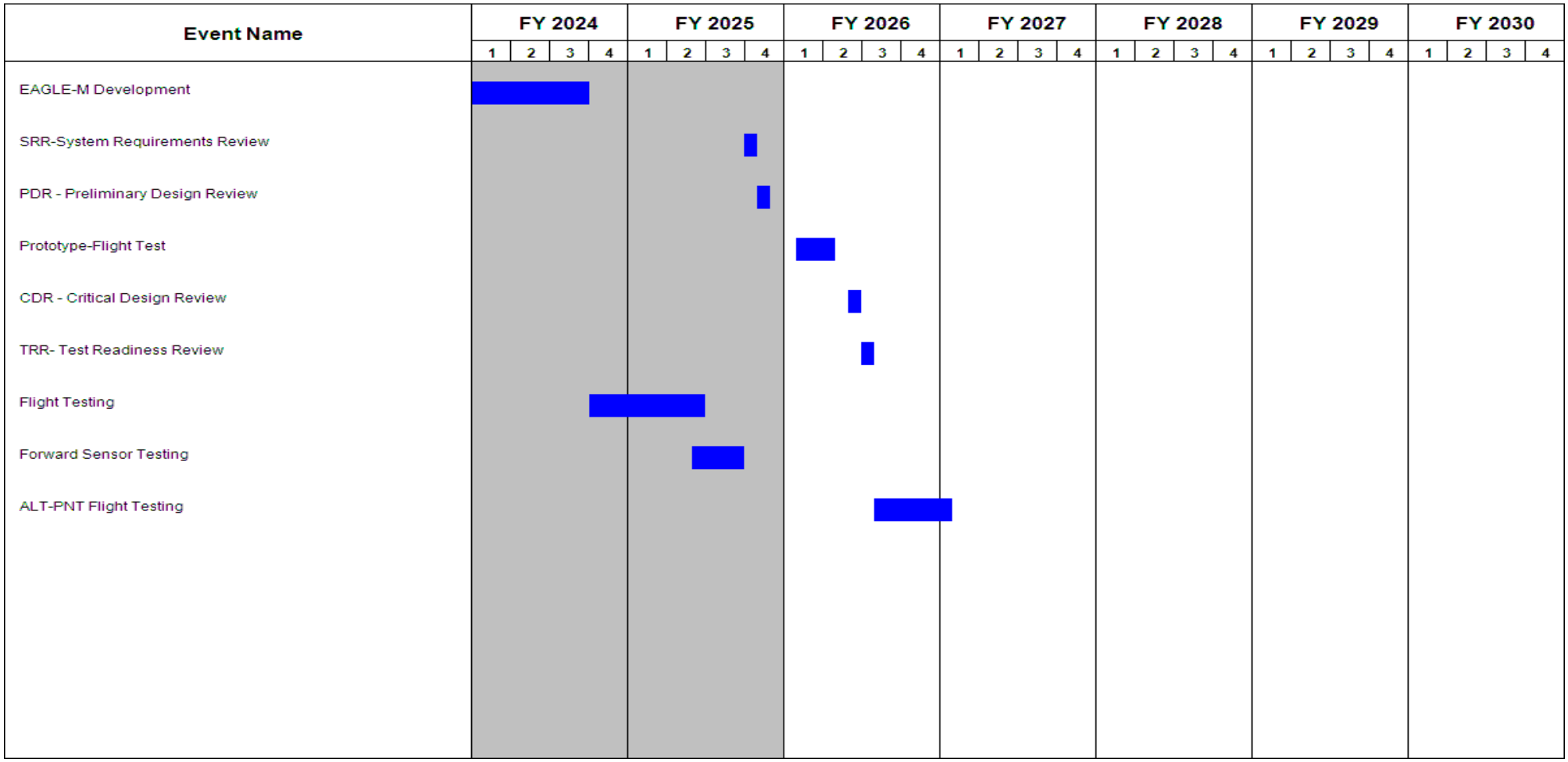


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** C97 / *ACFT Avionics*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
EAGLE-M Development	1	2023	3	2024
SRR-System Requirements Review	4	2025	4	2025
PDR - Preliminary Design Review	4	2025	4	2025
Prototype-Flight Test	1	2026	2	2026
CDR - Critical Design Review	2	2026	2	2026
TRR- Test Readiness Review	3	2026	3	2026
Flight Testing	4	2024	2	2025
Forward Sensor Testing	2	2025	3	2025
ALT-PNT Flight Testing	3	2026	1	2027

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604201A / *Aircraft Avionics*	Project (Number/Name) VU3 / *Networking And Mission Planning*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
VU3: *Networking And Mission Planning*	-	11.949	2.161	2.696	-	2.696	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The Aviation Architecture & Environment Exploitation (A2E2) PdM Office is looking to reprogram AA0712000 APA funds in FY28-FY30 captured under the P form Cost Element in the P3a CICD to 654201-VU3 and RDTE. FY28 $23.722 million, FY29 $27.339 million, and FY30 $19.963 million in accordance with Army Directive 2024-02 from Assistant Secretary of the Army (Acquisition, Logistics and Technology (ASA ALT)) signed 10 December 2024 Software and Cloud Activity Funding Policy.

A. Mission Description and Budget Item Justification

The Improved Data Modem (IDM) is a mission computer that requires software to provide functionality. The 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). IDM 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). The IDM 401 requires updated technology to mitigate obsolescence and enable multi-core processing to meet requirements for air to ground communications. The IDM Open System REMAN (OSR) will serve as the steppingstone for a longer-term solution, the General-Purpose Computing Platform (GPCP).

The Aviation Mission Common Server (AMCS) will become a General-Purpose Computing Platform (GPCP). The GPCP will provide a more capable, computing environment to process broader use cases and enable the Next Generation Command and Control (NGC2) on the Aviation fleet. The GPCP will utilize 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 GPCP will enable the hosting of software applications to communicate, navigate, sense, and deploy weapon systems across the Joint Force in support of future aviation operations. It will support 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 GPCP will begin development in FY28 and production in FY31.

This Project funds the development of Networking and Mission Planning systems required to horizontally and vertically integrate the battlefield and the integration of those systems into Army aircraft. Tasks in this Project support research, development, and test efforts for these systems.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Improved Data Modem Open Systems Reman and General-Purpose Computing Platform (GPCP)	11.949	2.161	2.696
Description: 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			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** VU3 / *Networking And Mission Planning*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
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). IDM 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). The IDM 401 requires updated technology to mitigate obsolescence and enable multi-core processing to meet requirements for air to ground communications. The IDM Open System REMAN (OSR) will serve as the steppingstone for a longer-term solution, the General-Purpose Computing Platform (GPCP). The Aviation Mission Common Server (AMCS) will be moving to a General Purpose Computing Platform (GPCP) which will be a capability upgrade for the Army Improved Data Modem (IDM) 401A and OSR. 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 GPCP enables the hosting of software applications to communicate, navigate, sense, and deploy weapon systems across the Joint Force in support of future aviation operations. It will support the future Common Digital Backbone for the enduring and future Army Aviation fleets with the ability for further growth to host flight critical capabilities and Next Generation Command and Control (NGC2). The GPCP will begin development in FY28. ***FY 2025 Plans:*** Perform performance enhancement to support fielding of Interoperability Software on the IDM Open System REMAN FY2026 Plans. ***FY 2026 Plans:*** Funds engineering services and airworthiness support for the IDM Open System REMAN. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to increased support for the Interoperability Software Application (ISA) Architecture.			
Accomplishments/Planned Programs Subtotals	11.949	2.161	2.696

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• AA0712: *Network And Mission Plan*	44.558	52.862	40.472	-	40.472	-	-	-	-	-	-

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** VU3 / *Networking And Mission Planning*

D. Acquisition Strategy

The IDM Open System REMAN Strategy for development and production leverages an Other Government Agency's existing contract for hardware development and testing, and University Affiliated Research Center Contract for software integration and testing to align with DoD's Modular Open System Approach (MOSA).

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604201A / *Aircraft Avionics*	Project (Number/Name) VU3 / *Networking And Mission Planning*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Support (IDM OSR)	Various	Combat Communications Development Command, Aviation & Missile Center : Redstone Arsenal, AL	-	0.493	Dec 2023	0.445	Dec 2024	0.365	Dec 2026	-		0.365	Continuing	Continuing	-
SBIR/STTR Transfer	TBD	Various : Various	-	-		-		0.086		-		0.086	0.000	0.086	-
		Subtotal	-	0.493		0.445		0.451		-		0.451	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Airworthiness Support (IDM OSR)	C/Various	Combat Communications Development Command : Redstone Arsenal, AL	-	0.825	Feb 2024	0.297	Feb 2025	0.391	Feb 2026	-		0.391	Continuing	Continuing	-
Cybersecurity (ISA/IDM OSR)	C/Various	Combat Communications Development Command : Redstone Arsenal, AL	-	-		0.190	Aug 2025	-		-		-	Continuing	Continuing	-
ISA SW Architecture Updates	C/FFP	GTRI : GTRI Atlanta	-	7.672		0.623	Apr 2025	-		-		-	Continuing	Continuing	-
Engineering Services	C/Various	Combat Communications Development Command, Aviation & Missile Center : Redstone Arsenal, AL	-	2.088	Feb 2024	0.606	Oct 2024	1.854	Nov 2025	-		1.854	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604201A / *Aircraft Avionics*	Project (Number/Name) VU3 / *Networking And Mission Planning*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	10.585		1.716		2.245		-		2.245	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Level Integration (Step 5 SW integration & testing)	C/Various	GTRI : GTRI Atlanta	-	0.871	Jul 2024	-		-		-		-	Continuing	Continuing	-
		Subtotal	-	0.871		-		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	11.949		2.161		2.696		-		2.696	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** VU3 / *Networking And Mission Planning*

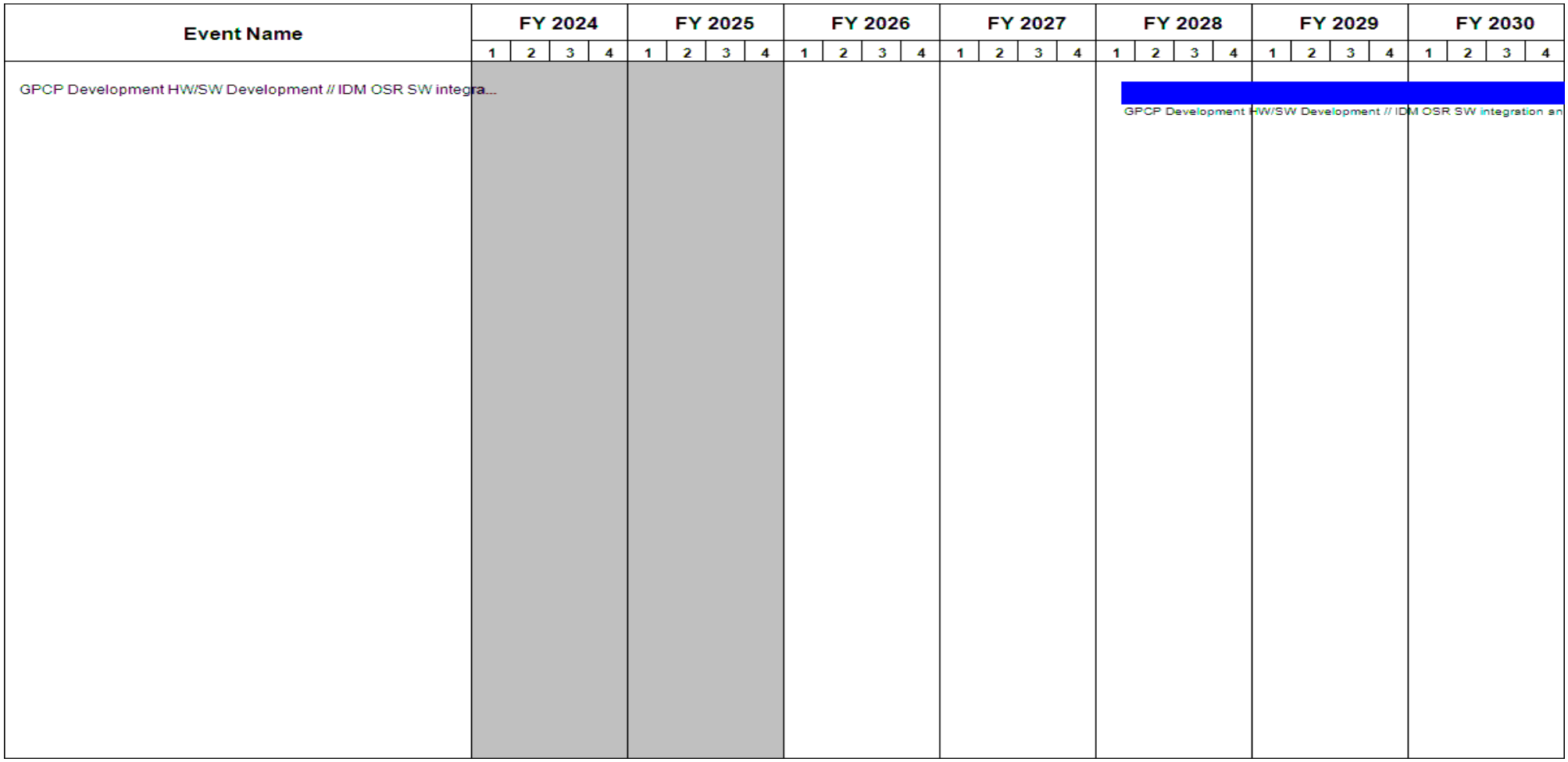


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604201A / *Aircraft Avionics*	**Project (Number/Name)** VU3 / *Networking And Mission Planning*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
GPCP Development HW/SW Development // IDM OSR SW integration and testing	1	2028	1	2031

Note

The Aviation Mission Common Server Modular Capabilities Demonstration Other Transaction Authority (OTA) awarded 24 June 2020. The Period of Performance ended 30 January 2025; the OTA is in the contract close out stage. The schedule depicts the SW integration and testing for the IDM OSR and the GPCP development.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	12.310	33.247	9.153	-	9.153	-	-	-	-	-	-
CR8: *Army Reprogramming Analysis Team (ARAT)*	-	-	5.718	-	-	-	-	-	-	-	-	-
DN9: *Modular Electro-Magnetic Spectrum Sys (MEMSS)*	-	-	-	9.153	-	9.153	-	-	-	-	-	-
DX5: *Electronic Warfare And Management Tool*	-	4.826	12.271	-	-	-	-	-	-	-	-	-
DX6: *Multi-Function Electronic Warfare (MFEW)*	-	5.392	13.683	-	-	-	-	-	-	-	-	-
VS6: *Integrated Electronic Warfare Systems*	-	2.092	1.575	-	-	-	-	-	-	-	-	-

Note

In FY 2026, Program Element (PE) 0604270A Electronic Warfare Development, Project Code CR8 Army Reprogramming Analysis Team (ARAT) and Project Code DX5 Electronic Warfare and Management Tool were transferred to Budget Activity (BA) 9 Agile RDTE Portfolio Management under PE 0609278A Electronic Warfare Agile Systems Development, Project Code A88 Army Reprogramming Analysis Team (ARAT) and Project Code A89 Electronic Warfare and Management Tool.

A. Mission Description and Budget Item Justification

This Program Element (PE) encompasses engineering and manufacturing development for tactical Electronic Warfare (EW). The Integrated Electronic Warfare System (IEWS) is a capability set that integrates electronic attack, protect and support functions to dramatically improve the ability to seize, retain, and exploit an advantage within the electromagnetic spectrum (EMS). It is based on a modular, scalable and open architecture to allow Army Brigade Combat Team (BCT) and Joint Force Commander's to tailor capability responses against a variety of EW threats/scenarios.

The IEWS capability set is structured along four program lines of effort: 1) Project CR8 Army Reprogramming Analysis Team (ARAT), 2) Project DX5 Electronic Warfare Planning and Management Tool (EWPMT), 3) Project DX6 Multi-Function EW (MFEW), 4) Project VS6 Counter Radio-Controlled Improvised Explosive Devices (RCIED) Electronic Warfare (CREW) which provides current defensive electronic attack capability.

Project CR8 - Army Reprogramming Analysis Team (ARAT) supports the tactical Commander by providing timely rapid reprogramming of mission software and information dissemination for Army supported, Joint and allied services. ARAT supports integrated reprogramming of target acquisition, target engagement, vehicle survivability, and Aircraft Survivability Equipment (ASE). ARAT rapid-reprogramming infrastructure supports tactical requirements for deployed aircraft and ground-based (e.g., CREW) survivability systems. ARAT identifies and analyzes threat signature changes which affect EW systems; determines the impact of observed signature changes; develops new mission software to adapt the system to the changes; disseminates the mission software; and provides methods to upload the new mission

software into the affected EW systems. Each element within the ARAT infrastructure plays a specific role within the program's rapid reprogramming process, providing the Soldier with the capability to install mission and target identification software at the lowest possible level, thus maximizing flexibility for tactical commanders.

Project DX5 - The Electronic Warfare Planning and Management Tool-X (EWPMT-X) is a software modernization effort on EWPMT Version 1 to an updated software architecture. Leveraging community contributions provides enhanced capability and features based on a government supported framework (TAKX) to enable quicker reaction to subsequent EW requirements. At end state, EWPMT-X will deliver spectrum dominance across Multi-Domain Operations (MDO) through spectrum visualization and modeling, Electromagnetic Warfare planning, sensor orchestration, fusion of intelligence, command and control (C2) that supports kinetic and non-kinetic targeting for the Commander's scheme of maneuver.

Project DX6 - MFEW-AL is the Army's only program providing tactical Commanders with deep look, organic, airborne, offensive electronic warfare (EW), empowering Commanders to shape the Electromagnetic Spectrum (EMS) to their advantage. The MFEW Air Large system will provide: 1) Offensive Electronic Attack (OEA) - Non-Kinetic Fires capability with the intent of denying, degrading, or disrupting enemy communications capability and non-communications emitters; 2) Electronic Warfare Support (ES) - Capability to search, intercept, identify, and locate or localize sources of intentional and unintentional radiated electromagnetic (EM) energy for the purpose of immediate threat recognition, targeting, planning, and execution of future operations; 3) Dissemination of Military Information Support Operations (MISO) products; and 4) Support of Offensive Cyber Operations (OCO) and Multi-Domain Operations.

Project VS6 - Counter Radio Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) provides protection of ground forces operating in vehicle convoys, single vehicles and fixed locations in operational theaters which enables freedom of movement across the depth and breadth of the operational environment. Current CREW systems are programmable with techniques to mitigate emerging threats. In order to keep pace with the threat evolution, development efforts will provide fielded CREW systems as well as other Electronic Warfare (EW) systems with techniques that mitigate the range of threats as required. These development efforts may include development of new techniques, integration of existing techniques, as well as hardware and software development and integration in order to pace the threat.

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	12.789	35.942	20.909	-	20.909
Current President's Budget	12.310	33.247	9.153	-	9.153
Total Adjustments	-0.479	-2.695	-11.756	-	-11.756
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-2.695			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.013	-			
• SBIR/STTR Transfer	-0.466	-			
• Adjustments to Budget Years	-	-	-11.756	-	-11.756

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604270A *I Electronic Warfare Development*

Change Summary Explanation

In FY 2026, Program Element (PE) 0604270A Electronic Warfare Development, Project Code CR8 Army Reprogramming Analysis Team (ARAT) and Project Code DX5 Electronic Warfare and Management Tool were transferred to Budget Activity (BA) 9 Agile RDTE Portfolio Management under PE 0609278A Electronic Warfare Agile Systems Development, Project Code A88 Army Reprogramming Analysis Team (ARAT) and Project Code A89 Electronic Warfare and Management Tool.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) CR8 / *Army Reprogramming Analysis Team (ARAT)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
CR8: *Army Reprogramming Analysis Team (ARAT)*	-	-	5.718	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Funding realigned from PE 0304270A / Electronic Warfare Development, Project EW6 (ARAT-TSS) to 0604270A (EW Development), Project CR8 (Army Reprogramming Analysis Team (ARAT) in FY 2025.

A. Mission Description and Budget Item Justification

Current military operations are conducted in a rapidly changing threat environment, where Improvised Explosive Devices (IEDs), Infra Red (IR) man-portable air defense systems (MANPADS) seekers, radar guided surface-to-air-missiles (SAM), laser guided weapons, anti-helicopter mines, and targeting sensors are proliferating and evolving. Integrated solutions are required to counter increasingly sophisticated EW threats. The ARAT reprogramming infrastructure supports the tactical Commander by providing timely rapid reprogramming of mission software and information dissemination for Army supported, Joint and allied services. ARAT supports integrated reprogramming of target acquisition, target engagement, vehicle survivability, and Aircraft Survivability Equipment (ASE). ARAT rapid-reprogramming infrastructure supports tactical requirements for deployed aircraft and ground-based (e.g. Counter Radio-Controlled Improvised Explosive Device (CREW)) survivability systems. ARAT identifies and analyzes threat signature changes which affect EW systems; determines the impact of observed signature changes; develops new mission software to adapt the system to the changes; disseminates the mission software; and provides methods to upload the new mission software into the affected EW systems. Each element within the ARAT infrastructure plays a specific role within the program's rapid reprogramming process, providing the Soldier with the capability to install mission and target identification software at the lowest possible level, thus maximizing flexibility for tactical commanders. ARAT participates in the operational and developmental test design of Army EW systems, and supports Joint Service Reprogramming Exercises in all theaters. ARAT Research and Development enables continuous development of: 1) automated threat analysis tools to rapidly detect (flag) threat changes within the intelligence system, 2) tools to minimize the time to develop Mission Software and Products (MSP), 3) tools and technology to minimize the time required to test and validate MSPs, 4) improved communications conduits to rapidly transmit mission software to upload into supported EW systems. These efforts allow for rapid threat analysis, threat modeling and simulation, mission software development and testing, distribution and uploading of mission software directly to the supported Soldier in the field. Additionally, beginning in FY 2026 ARAT CR8 will begin mission support to the Terrestrial Layer System (TLS) in support of PM EW&C mission. ARAT CR8 will develop the capability to produce system techniques, integration, test, archive, and distribute mission software to forward deployed combat forces.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Keeping Pace with the Enemy and Technology	-	1.529	-
Description: This effort focuses on developing a capability for the Government to rapidly develop and distribute organic mission software solutions for multiple EW systems. The Army must continually modernize and enhance software tools, hardware modernization, and processes counter enemy technology. ARAT EW6 executes Research, Development, Test, and Evaluation			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** CR8 / *Army Reprogramming Analysis Team (ARAT)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
(RDTE) funding to provide an organic Army capability for this organization to rapidly develop, test and distribute mission software solutions for forward deployed combat forces. ***FY 2025 Plans:*** ARAT plans to execute funding to enhance current software development and test infrastructure. ARAT will modernize to include threat simulations utilizing Software Defined Radios (SDR). ARAT CR8 plan to integrate Software Defined Radios into the program's software development and test infrastructure to enhance the Army's ability to replicate sophisticated peer and near peer Electronic Warfare systems. The modernized Software Defined Radios once integrated into the laboratory will allow for expedited development and testing of mission software to detect and defeat enemy Electronic Warfare systems. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** CR8 / Army Reprogramming Analysts Team (ARAT) realigned FY26-30 Funds to A88 / Army Reprogramming Analysis Team (ARAT) and is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology.			
Title: Infrastructure Improvements Multispectral ***Description:*** This effort focuses on enhancing the Army's Multispectral Missile Warning System (MWS) software sustainment infrastructure. With the worldwide proliferation of MANPADS the Army must have the capability to rapidly analyze and develop mission software solutions that detect and counter MANPADS to defend Army Aviation platforms against this lethal threat. ***FY 2025 Plans:*** Infrastructure enhancements to include preparations for integrating new ground Electronic Warfare systems into the ARAT Development and Testing Enterprise in support of migrating to a multispectral capability to incorporate Multi-Domain Operations. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** CR8 / Army Reprogramming Analysts Team (ARAT) realigned FY26-30 Funds to A88 / Army Reprogramming Analysis Team (ARAT) and is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology.	-	0.894	-
Title: Infrastructure Improvement Radio Frequency General ***Description:*** This effort focuses on enhancing the Army's Radio Frequency (RF) EW system Mission Software and Products (MSP) development and distribution infrastructure. The Army must fight in a contested and congested EW environment. Mission software solutions to defend against RF threats must be rapidly developed, tested, and distributed to Soldiers on an ever changing battlefield. ***FY 2025 Plans:***	-	1.162	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** CR8 / *Army Reprogramming Analysis Team (ARAT)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
ARAT CR8 with modernization efforts to enhance Radio Frequency simulations of sophisticated peer and near peer threat systems. The modernization efforts will provide the Army the ability to rapidly program aircraft Radar Warning Receivers (RWR) to accurately detect and defeat enemy radar guided missiles directed against Army Aviation platforms. ARAT EW6 will leverage modernized Software Defined Radio technologies that will provide more accurate representation of enemy Electronic Warfare systems. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** CR8 / Army Reprogramming Analysts Team (ARAT) realigned FY26-30 Funds to A88 / Army Reprogramming Analysis Team (ARAT) and is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology.			
Title: Threat Flagging and Mission Data Set Reprogramming Tool Development ***Description:*** This effort focuses on enhancing the Army's capability to monitor changes in enemy Electronic Warfare systems that affect system performance of Army detection, declaration, and countermeasure Electronic Warfare systems onboard both air and ground platforms. The enemy is continuously developing or modifying it's Electronic Warfare systems. For Army platforms to have protection against enemy systems it must have a robust capability to immediately detect changes in threat system performance and rapidly develop, test, and distribute a mission software solution that counters the threat. This effort will enhance the Army's capability bridge detection of a change in enemy threat and the rapid development of Mission Software and Products. ***FY 2025 Plans:*** ARAT CR8 will enhance threat change detection capabilities and tailor the flagging model to system specific to Electronic Warfare systems on Blackhawk and Apache helicopters. Threat change detection provides the Army the capability to rapidly assess parametric changes in enemy Radio Frequency radar systems. The ability to detect changes in enemy Radio Frequency systems increases the accuracy of mission software for Radar Warning systems on Army Aviation platforms. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** CR8 / Army Reprogramming Analysts Team (ARAT) realigned FY26-30 Funds to A88 / Army Reprogramming Analysis Team (ARAT) and is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology.	-	1.128	-
Title: Arsenal Technique Development and Distribution ***Description:*** Provides the Army an Electronic Warfare Enterprise-wide spectrum techniques (effectors and detectors) development and delivery ecosystem to address the dynamic threat for both deliberate/enduring and rapid/agile capabilities for integrated EW/SIGINT. The ARAT EW ecosystem will focus on governance, development and delivery of deliberate/enduring and agile/rapid effects.	-	1.005	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** CR8 / *Army Reprogramming Analysis Team (ARAT)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2025 Plans: Executes governance, manages pipeline to include test & verification; hosts arsenal; supports intel requirements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** CR8 / Army Reprogramming Analysts Team (ARAT) realigned FY26-30 Funds to A88 / Army Reprogramming Analysis Team (ARAT) and is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology.			
Accomplishments/Planned Programs Subtotals	-	5.718	-

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The ARAT CR8 program performs Basic Research to enhance the EW Eco System to support current and future systems under this portfolio. ARAT CR8 will focus technical strategies that reduce mission data development timelines from detection of a change or new threat to creating and testing a software solution then utilize the ARAT mission software distribution portal to support forward deployed combat forces.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) CR8 / *Army Reprogramming Analysis Team (ARAT)*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
USG Labor	C/Various	TBD : TBD	-	-		0.600	Jan 2025	-		-		-	Continuing	Continuing	Continuing
Travel	C/Various	TBD : TBD	-	-		0.107	Jan 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	-	-		0.707		-		-		-	Continuing	Continuing	N/A

Remarks

Product development

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	C/Various	TBD : TBD	-	-		5.011	Jan 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	-	-		5.011		-		-		-	Continuing	Continuing	N/A

Remarks

support cost

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		5.718		-		-		-	Continuing	Continuing	N/A

Remarks

General remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** CR8 / *Army Reprogramming Analysis Team (ARAT)*

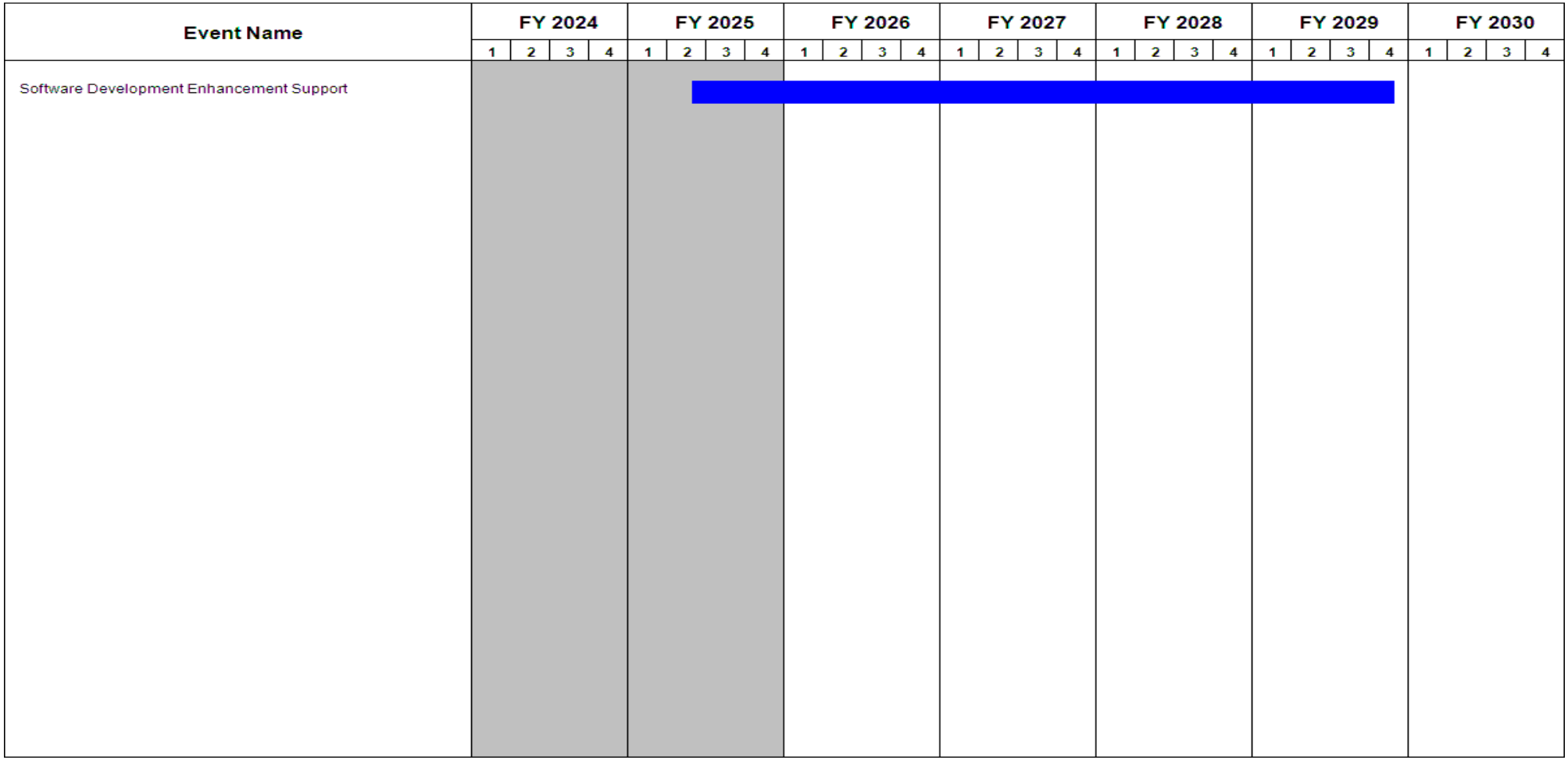


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** CR8 / *Army Reprogramming Analysis Team (ARAT)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Software Development Enhancement Support	2	2025	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
DN9: *Modular Electro-Magnetic Spectrum Sys (MEMSS)*	-	-	-	9.153	-	9.153	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Modular Electro-Magnetic Spectrum System (MEMSS) is an Fiscal Year (FY) 26 New Start Electronic Warfare (EW) program. MEMSS is an EW capability providing Force Protection and Freedom of Maneuver through Radio Frequency (RF) Technical Effects, an over arching cover term for classified capability. MEMSS will provide accelerated delivery of innovative RF technical effects solutions tailored to Army requirements.

The program will prioritize iterative development, incorporating vendor Research and Development (R&D) investments and readily available Commercial-Off-The-Shelf (COTS) components. Further advocacy for MEMSS capabilities exists in support of the Joint community, Operational Needs Statements (ONS), Transformation in Contact (TiC) initiatives, Presidential Directives, and other Combatant Command requests.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: MEMSS Test/Demonstration	-	-	0.571
Description: The MEMSS Test and Demonstration phase will evaluate the performance and usability of prototype RF Technical Effects solutions in realistic operational scenarios. This effort will focus on gathering Soldier Touch Points (STPs) to inform critical trade space decisions regarding system design, functionality, and integration. ***FY 2026 Plans:*** FY26 funding will support testing to ensure the system performs as expected against realistic threats. This includes lab testing and evaluations with Soldiers from TiC 2.0 units. Key aspects such as range, effectiveness against different threats, and system usability will be assessed. Testing will specifically focus on the quality of the signals and how well the system simulates real-world scenarios. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** This is a FY 2026 New Start. FY 2026 funding increase of $0.571 million will enable the execution of critical test events and the collection of valuable Soldier feedback, accelerating the maturation of RF Technical Effects capabilities for the Army.			
Title: MEMSS Prototyping	-	-	1.271
Description: The MEMSS hardware effort will secure Commercial-Off-The-Shelf (COTS) and Government-Off-The-Shelf (GOTS) components to rapidly explore and refine the technical feasibility of a RF Technical Effects capability. This effort will focus on			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
integrating and evaluating key technologies to inform the integration of minimum viable products. This will allow the program to explore the hardware trade-space decisions required to meet operational relevance within affordability targets. ***FY 2026 Plans:*** FY 2026 funding will support the acquisition and integration of specific COTS components, including Software Defined Radios, RF amplifiers, and antennas used to broadcast the effect generated by the software effort. Efforts will be conducted in iterative feedback improvement cycles, focusing on demonstrating key RF Technical Effects capabilities through laboratory testing and limited field evaluations. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** This is a FY 2026 New Start. FY 2026 funding increase of $1.271 million will accelerate the MEMSS prototyping effort, enabling the rapid evaluation of critical technologies and informing the development of a viable RF Technical Effects solution.			
Title: MEMSS Technical/Program Management ***Description:*** Funds product office costs and personnel, including technical and engineering support. ***FY 2026 Plans:*** The Army plans to establish the MEMSS Team, focusing on staffing and establishing technical assistance contracts to ensure program success. The Army will fund initial engineering and technical assistance at program initiation. The Army will also fund program management support, core information technology requirements, Government matrix technical expertise, and shared services requirements via various Government contracts. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** This is a FY 2026 New Start. FY 2026 funding increase of $1.430 million dollars for MEMSS technical and program management team, ensuring the program has the necessary expertise to successfully navigate the complexities of RF Technical Effects development and deliver a viable prototype capability to the Army.	-	-	1.430
Title: MEMSS Software Design ***Description:*** This effort focuses on the design, development, and integration of software components essential for achieving a fully functional MEMSS prototypes. The prototypes will deliver robust software capabilities to control and coordinate RF Technical Effects systems, process sensor data, and provide operators with a user-friendly interface. ***FY 2026 Plans:*** FY 2026 funding will support the development and integration of key software modules, including: development of software to control and configure COTS SDRs and other RF components, enabling precise control of RF parameters (frequency, power, modulation). Development of algorithms for processing sensor data to detect, identify, and classify RF signals. Creation of a	-	-	5.881

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
user-friendly graphical user interface (GUI) for operators to control the system, visualize data, and manage RF Technical Effects operations. The Army will fund a Federally Funded Research and Development (FFRDC) agency to work with Industry to develop expanded capability of current GOTS software products. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** This is a FY 2026 New Start. FY 2026 funding increase of $5.881 million will accelerate the development of critical software capabilities for the MEMSS program, enabling the integration of advanced RF Technical Effects functionality and facilitating the delivery of fully functional prototypes for Soldier evaluation.			
Accomplishments/Planned Programs Subtotals	-	-	9.153

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The MEMSS acquisition strategy will leverage the Adaptive Acquisition Framework to deliver operationally and tactically relevant expendable hardware and software RF Technical Effects capabilities to the Warfighter. The Army will leverage available commercial and government-off-the-shelf (COTS/GOTS) technical solutions to enable rapid prototyping and experimentation of systems. MEMSS program plans to utilize the Middle Tier of Acquisition (MTA) Rapid Prototyping (RP) authority. Prototyping efforts will inform system requirements and future acquisition pathways.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MEMSS Technical/ Management Support	Various	PM Electronic Warfare & Cyber APG, MD : APG, MD	-	-		-		0.920	Mar 2026	-		0.920	0.000	0.920	-
		Subtotal	-	-		-		0.920		-		0.920	0.000	0.920	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MEMSS Prototyping	C/CPFF	VARIOUS : VARIOUS	-	-		-		1.271	Apr 2026	-		1.271	0.000	1.271	-
MEMSS Software Design	FFRDC	MIT LL: : Cambridge, MA	-	-		-		3.529	Mar 2026	-		3.529	0.000	3.529	-
MEMSS Software Design	C/CPFF	VARIOUS : VARIOUS	-	-		-		2.352	Apr 2026	-		2.352	0.000	2.352	-
		Subtotal	-	-		-		7.152		-		7.152	0.000	7.152	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical and Engineering	IA	VARIOUS : VARIOUS	-	-		-		0.510	Mar 2026	-		0.510	0.000	0.510	-
		Subtotal	-	-		-		0.510		-		0.510	0.000	0.510	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MEMSS Test and Demonstration	IA	VARIOUS : VARIOUS	-	-		-		0.571	May 2026	-		0.571	0.000	0.571	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		0.571		-		0.571	0.000	0.571	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		-		9.153		-		9.153	0.000	9.153	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*

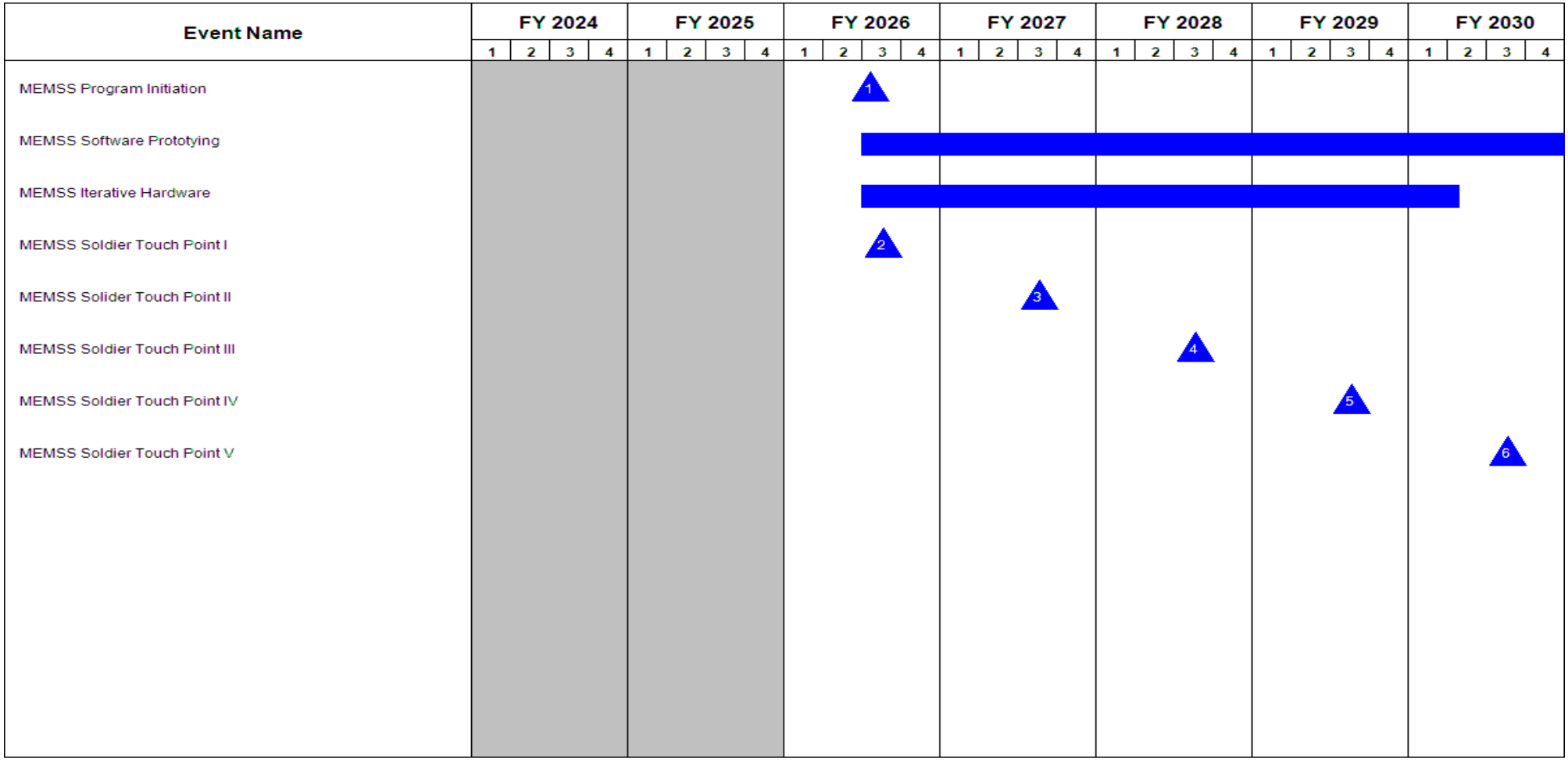


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DN9 / *Modular Electro-Magnetic Spectrum Sys (MEMSS)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
MEMSS Program Initiation	3	2026	3	2026
MEMSS Software Prototying	3	2026	2	2031
MEMSS Iterative Hardware	3	2026	2	2030
MEMSS Soldier Touch Point I	3	2026	3	2026
MEMSS Solider Touch Point II	3	2027	3	2027
MEMSS Soldier Touch Point III	3	2028	3	2028
MEMSS Soldier Touch Point IV	3	2029	3	2029
MEMSS Soldier Touch Point V	3	2030	3	2030

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DX5 / *Electronic Warfare And Management Tool*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
DX5: *Electronic Warfare And Management Tool*	-	4.826	12.271	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Electronic Warfare Planning and Management Tool-X (EWPMT-X) is a software modernization effort on EWPMT Version 1 to an updated software architecture. Leveraging community contributions provides enhanced capability and features based on a government supported framework (TAKX) to enable quicker reaction to subsequent EW requirements. At end state, EWPMT-X will deliver spectrum dominance across Multi-Domain Operations (MDO) through spectrum visualization and modeling, Electromagnetic Warfare planning, sensor orchestration, fusion of intelligence, command and control (C2) that supports kinetic and non-kinetic targeting for the Commander's scheme of maneuver.

Administrative realignment of FY26 RDT&E funds for Electronic Warfare Planning and Management Tool (EWPMT) transferred to Budget Activity-9 (BA-9) Program Element (PE) 0609277A: Project Code A90 - Electronic Warfare Planning and Management Tool (EWPMT) to the Agile Funding Pilot.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: EWPMT Development ***Description:*** Funds will support EWPMT development, software modernization, and integration with other sensors. ***FY 2025 Plans:*** Continued TAKX modernization updates, sensor data integration, and improved messaging standards. Additionally, the EWPMT software architecture modernization required in order to make the software more efficient and enables easier integration with other EW systems, leveraging JEACO as the system integrator. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding decreased to $0 in FY26 due to the transfer to the Agile Portfolio Pilot: Budget Activity-9 (BA-9) Program Element (PE) 0609277A: Project Code A90 - Electronic Warfare Planning and Management Tool (EWPMT)	2.873	8.552	-
Title: Technical and Engineering Support ***Description:*** Funds will support EWPMT Technical and Engineering Support. ***FY 2025 Plans:***	1.727	2.079	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX5 / *Electronic Warfare And Management Tool*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Technical and engineering support of the EWPMT software modernization, development, integration, and testing. Anticipate an MVP in July 2025 and unit user engagement through subsequent releases and exercises (such as PCC5). ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding decreased to $0 in FY26 due to the transfer to the Agile Portfolio Pilot: Budget Activity-9 (BA-9) Program Element (PE) 0609277A: Project Code A90 - Electronic Warfare Planning and Management Tool (EWPMT)			
Title: Test and Evaluation ***Description:*** Funds will support EWPMT Test and Evaluation. ***FY 2025 Plans:*** Conduct Developmental Test and System Acceptance Test twice a year. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding decreased to $0 in FY26 due to the transfer to the Agile Portfolio Pilot: Budget Activity-9 (BA-9) Program Element (PE) 0609277A: Project Code A90 - Electronic Warfare Planning and Management Tool (EWPMT)	-	0.523	-
Title: Program Management Support ***Description:*** Funds will support EWPMT program management. ***FY 2025 Plans:*** Supports EWPMT program management. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding decreased to $0 in FY26 due to the transfer to the Agile Portfolio Pilot: Budget Activity-9 (BA-9) Program Element (PE) 0609277A: Project Code A90 - Electronic Warfare Planning and Management Tool (EWPMT)	0.226	1.117	-
Accomplishments/Planned Programs Subtotals	4.826	12.271	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• K00002: *EW Planning & Management Tools (EWPMT)*	21.188	26.327	-	-	-	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX5 / *Electronic Warfare And Management Tool*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• I31011: *ELECTRONIC WARFARE PLANNING AND MGMT TOOL (EWPMT)*	-	-	6.910	-	6.910	-	-	-	-	-	-

Remarks

This program is included in the OPA Budget Line Consolidation. This program consolidates the Electronic Warfare Planning and Management Tool (EWPMT) (K00002) and Spectrum Situational Awareness System (S2AS) (New Start) programs into the new Electronic Warfare (EW) (I31000) program.

D. Acquisition Strategy

EWPMT is an Acquisition Category II program of record that is conducting an agile acquisition process under the governance and requirements in the Information System Capability Development Document approved Capability Drop 4, 30MAY2019. The acquisition strategy includes the delivery of software biannually as part of Development, Security, Operations (DEVSECOPS) model that will include refined or new capability and functionality, with a focus on interoperability with relevant Mission Command systems. Operations will include executing fielding activities and supporting experimentation while moving to a continuous Authority to Operate (ATO). This acquisition and requirements strategy enables frequent delivery of critical EW planning and management capabilities in response to changing threat, technology, and techniques in support of Multi-Domain Operations (MDO).

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DX5 / *Electronic Warfare And Management Tool*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	Various	PM Electronic Warfare & Cyber : Aberdeen Proving Ground, MD	14.956	0.226	Dec 2023	1.117	Nov 2024	-		-		-	Continuing	Continuing	Continuing
		Subtotal	14.956	0.226		1.117		-		-		-	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development	Various	Various : Various	-	2.873	Jun 2024	8.552	Dec 2024	-		-		-	Continuing	Continuing	Continuing
		Subtotal	-	2.873		8.552		-		-		-	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical and Engineering Support	Various	Various : Various	46.225	1.727	Nov 2023	2.079	Nov 2024	-		-		-	Continuing	Continuing	Continuing
		Subtotal	46.225	1.727		2.079		-		-		-	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	IA	Various : Various	8.685	-		0.523	Jan 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	8.685	-		0.523		-		-		-	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DX5 / *Electronic Warfare And Management Tool*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	69.866	4.826		12.271		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX5 / *Electronic Warfare And Management Tool*

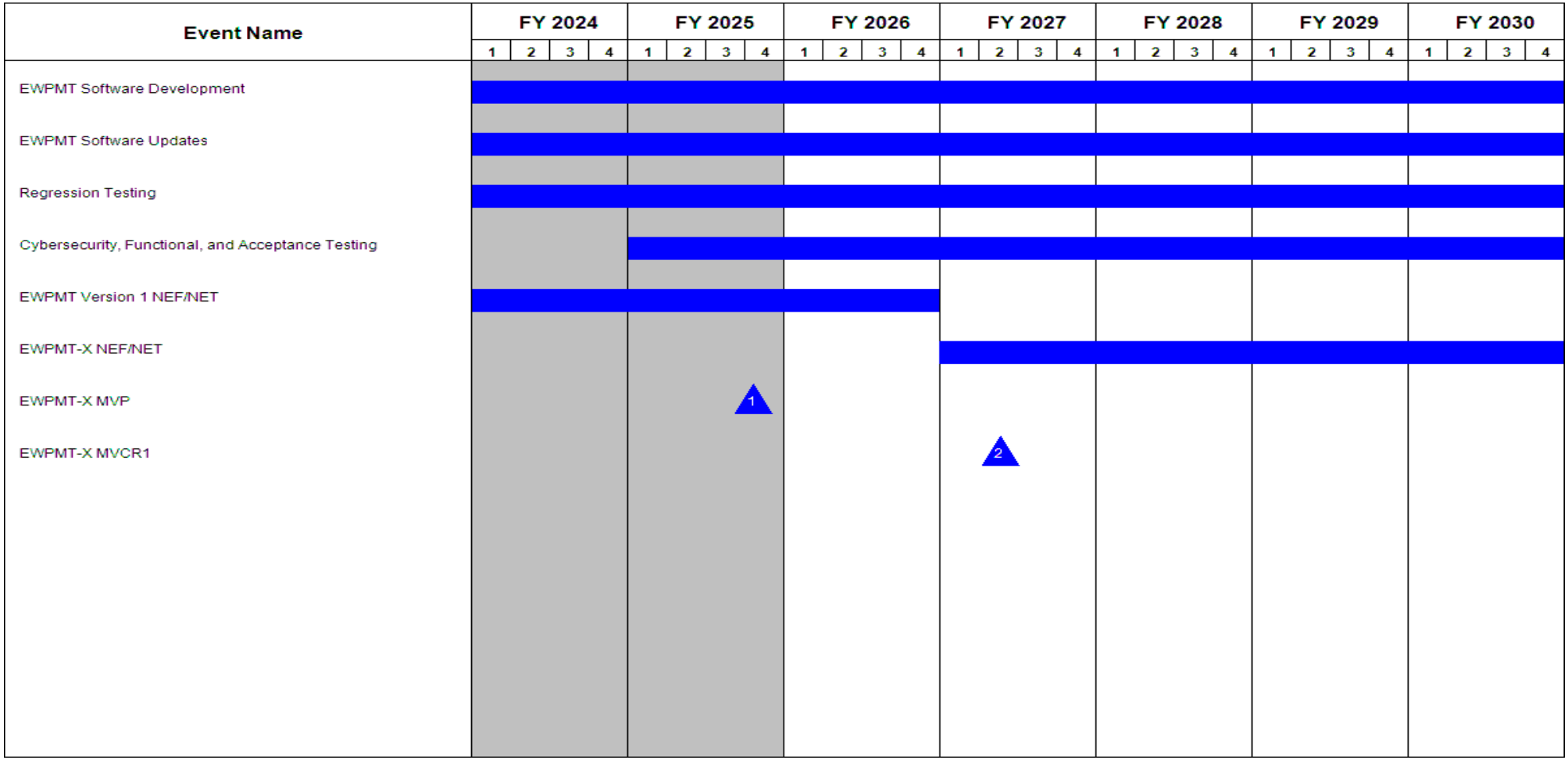


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX5 / *Electronic Warfare And Management Tool*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
EWPMT Software Development	1	2024	4	2030
EWPMT Software Updates	1	2024	4	2030
Regression Testing	1	2024	4	2030
Cybersecurity, Functional, and Acceptance Testing	1	2025	4	2030
EWPMT Version 1 NEF/NET	1	2024	4	2026
EWPMT-X NEF/NET	1	2027	4	2030
EWPMT-X MVP	4	2025	4	2025
EWPMT-X MVCR1	2	2027	2	2027

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DX6 / *Multi-Function Electronic Warfare (MFEW)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
DX6: *Multi-Function Electronic Warfare (MFEW)*	-	5.392	13.683	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

DX6 / Multi-Function Electronic Warfare (FEW) is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology. The FY2026-2030 funding was realigned in the Agile Portfolio Management to: Budget Activity-9 (BA-9) Program Element (PE) 0609345A: Unmanned Aerial Systems Launched Effects Agile Systems Development; Project Code: A48: Multi-Function Electronic Warfare (MFEW) Systems

A. Mission Description and Budget Item Justification

MFEW-AL is the Army's only program providing tactical Commanders with deep look, organic, airborne, offensive electronic warfare (EW), empowering Commanders to shape the Electromagnetic Spectrum (EMS) to their advantage. The MFEW Air Large system will provide: 1) Offensive Electronic Attack (OEA) - Non-Kinetic Fires capability with the intent of denying, degrading, or disrupting enemy communications capability and non-communications emitters; 2) Electronic Warfare Support (ES) - Capability to search, intercept, identify, and locate or localize sources of intentional and unintentional radiated electromagnetic (EM) energy for the purpose of immediate threat recognition, targeting, planning, and execution of future operations; 3) Dissemination of Military Information Support Operations (MISO) products; and 4) Support of Offensive Cyber Operations (OCO) and Multi-Domain Operations. Enables integration, interoperability and force modernization with emerging capabilities in support of USAREUR-AF and USARPAC Operational Needs Statements, Transformation in Contact (TiC) initiatives, and Presidential Directives.

DX6 / Multi-Function Electronic Warfare (FEW) is a part of the Department of Defense Capability Based (Agile) Funding pilot, which provides enhanced capabilities by fostering innovation and accelerated deployment of promising technology. Administrative realignment of FY26 RDT&E funds for MFEW-AL transferred to Budget Activity-9 (BA-9) Program Element (PE) 0609345A: Unmanned Aerial Systems Launched Effects Agile Systems Development; Project Code: A48: Multi-Function Electronic Warfare (MFEW) Systems to the Agile Funding Pilot.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Multi-Function Electronic Warfare (MFEW) Air Large	5.392	13.683	-
Description: MFEW-Air Large is an airborne Electronic Warfare payload to be integrated onto the Gray Eagle Unmanned Aerial Vehicle to provide offensive Electronic Attack (EA) and Electronic Warfare Support (ES) capability to the Brigade Combat Team (BCT).			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX6 / *Multi-Function Electronic Warfare (MFEW)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Fiscal Year (FY) 2025 funding of $13.683 will demonstrate incremental delivery approach with initial minimal viable product delivery in support of validate requirements and operational needs. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding decreased to $0 in FY26 due to the transfer to the Agile Portfolio Pilot: Budget Activity-9 (BA-9) Program Element (PE) 0609345A: Unmanned Aerial Systems Launched Effects Agile Systems Development; Project Code: A48: Multi-Function Electronic Warfare (MFEW) Systems			
Accomplishments/Planned Programs Subtotals	5.392	13.683	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• B05000: *Multi-Function Electronic Warfare (MFEW) Systems*	15.941	17.004	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

To accelerate delivery of capability the MFEW program will support the Army Transformation in Contact (TiC) and Deliberate Transformation efforts to acquire, deliver, and iterate at speed and scale. The program will employ an incremental approach for delivery of capability that will evolve over time towards the full MFEW-AL requirements.

A competitive acquisition approach was utilized for MFEW-AL using an Other Transaction Authority (OTA) to develop the Army's only airborne EW/Cyber enabled capability to support the maneuver commander to enable Multi-Domain Operations and Long-Range Precision Fires. MFEW-AL received an affirmative Milestone C Decision on 14 May 2021 and approval to conduct Low-Rate Initial Production (LRIP). Following system qualification and Operational Testing, the program will pursue production of systems to support Operational Needs.

Subsequent MFEW production may leverage 10 U.S.C. 4022(f) ("Authority of the Department of Defense to carry out certain prototype projects") as a result of MFEW has successfully met the OTA transition requirements.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DX6 / *Multi-Function Electronic Warfare (MFEW)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management and Technical Support	Various	PM Electronic Warfare & Cyber (PM EW&C) : Aberdeen Proving Ground, MD	1.902	0.337	Jan 2024	0.633	Jan 2025	-		-		-	Continuing	Continuing	-
		Subtotal	1.902	0.337		0.633		-		-		-	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Gray Eagle Integration	C/CPFF	General Atomics : San Diego, CA	2.661	4.123	Jan 2024	3.004	Jan 2025	-		-		-	Continuing	Continuing	-
EW Techniques	Various	Lockheed Martin Corporation : Owego, NY	8.561	0.416	Dec 2023	-		-		-		-	Continuing	Continuing	-
		Subtotal	11.222	4.539		3.004		-		-		-	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Engineering - MFEW Air	IA	DEVCOM : Aberdeen Proving Ground, MD	5.663	0.516	Jan 2024	0.575	Jan 2025	-		-		-	Continuing	Continuing	-
		Subtotal	5.663	0.516		0.575		-		-		-	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) DX6 / *Multi-Function Electronic Warfare (MFEW)*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LRIP Pod Modification Analysis	IA	Electronic Proving Ground, Ft. Huachuca AZ : Electronic Proving Ground, Ft. Huachuca AZ	-	-		3.169	Jan 2025	-		-		-	Continuing	Continuing	-
Incremental Delivery	IA	TBD : TBD	-	-		6.302		-		-		-	0.000	6.302	-
		Subtotal	-	-		9.471		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	18.787	5.392		13.683		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX6 / *Multi-Function Electronic Warfare (MFEW)*

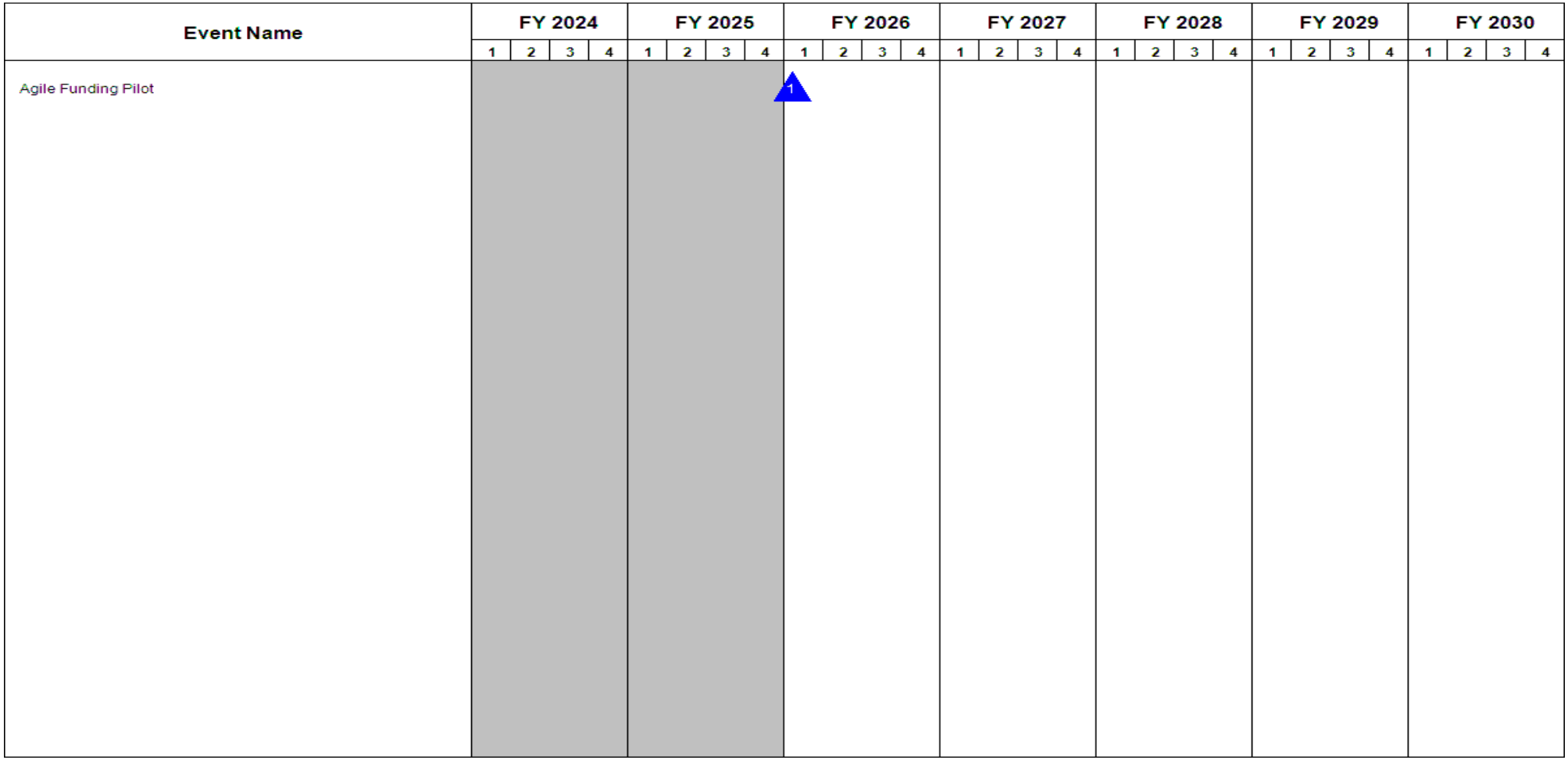


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** DX6 / *Multi-Function Electronic Warfare (MFEW)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Agile Funding Pilot	1	2026	1	2026

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) VS6 / *Integrated Electronic Warfare Systems*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
VS6: *Integrated Electronic Warfare Systems*	-	2.092	1.575	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Administrative realignment of FY26 RDT&E funds for Multi-Mission Electronic Warfare (EW) transferred Budget Activity-9 (BA-9) Program Element (PE) 0609278A: Electronic Warfare Agile Systems Development; Project Code: A89: Integrated Electronic Warfare Systems to the Agile Funding Pilot.

A. Mission Description and Budget Item Justification

Multi-Mission Electronic Warfare (EW) Force Protection (FP) provides protection of ground forces operating in vehicle convoys, single vehicles and fixed locations in operational theaters which enables freedom of movement across the depth and breadth of the operational environment. Current EW FP systems are programmable with techniques to mitigate emerging threats. In order to keep pace with the threat evolution, development efforts will Multi-Mission Electronic Warfare EW FP capabilities with advance techniques to mitigate modern and sophisticated range of threats as they emerge. These development efforts may include development of new techniques, integration of existing techniques, as well as hardware and software development and integration in order to pace the threat.

Justification: Fiscal Year (FY) 2026 Base funding in the amount of $1.573 million funds are provided to pace the threat focusing on Force Protection EW software enhancements to respond to changing signals of interest employed by emerging threats as required. These efforts include development of new techniques, integration of existing techniques, as well as hardware and software enhancement and integration in order to pace the threat.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: IEWS - Integrated Electronic Warfare Sytem	2.092	1.575	-
Description: The Integrated Electronic Warfare System (IEWS) will provide Multi-Mission force Protection capabilities, to include Electronic Warfare Planning and Management Tool (EWPMT), Multi-Function EW (MFEW), and Defensive Electronic Attack (DEA). The Army's current Defensive Electronic Attack solution is Counter Radio Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW). ***FY 2025 Plans:*** Continue IEWS development of new techniques, integration of existing techniques, and hardware and software development and integration in order to pace the threat. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Fiscal Year (FY) 2026 funding decrease of $0.002 million due to economic adjustments.			
Accomplishments/Planned Programs Subtotals	2.092	1.575	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** VS6 / *Integrated Electronic Warfare Systems*

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

VS6 funding supports hardware and software enhancement, to include open architecture waveforms, techniques, hardware, and integration to pace the threat leveraging Other Government Agencies' competitively awarded contracts and task orders.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604270A / *Electronic Warfare Development*	Project (Number/Name) VS6 / *Integrated Electronic Warfare Systems*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PMO Staff/Travel for CREW	Various	PM Electronic Warfare & Cyber : Aberdeen Proving Ground, MD	2.940	0.020	Dec 2023	0.020	Dec 2024	-		-		-	0.000	2.980	-
		Subtotal	2.940	0.020		0.020		-		-		-	0.000	2.980	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
IEWS Engineering and Development	IA	DEVCOM : Aberdeen Proving Ground, MD	11.349	1.762	Dec 2023	1.255	Dec 2024	-		-		-	0.000	14.366	-
		Subtotal	11.349	1.762		1.255		-		-		-	0.000	14.366	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Continuous evaluation of IEWS Technologies	IA	Yuma Proving Ground Yuma, AZ : YPG, AZ	2.018	0.310	Dec 2023	0.300	Dec 2024	-		-		-	0.000	2.628	-
		Subtotal	2.018	0.310		0.300		-		-		-	0.000	2.628	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	16.307	2.092		1.575		-		-		-	0.000	19.974	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** VS6 / *Integrated Electronic Warfare Systems*

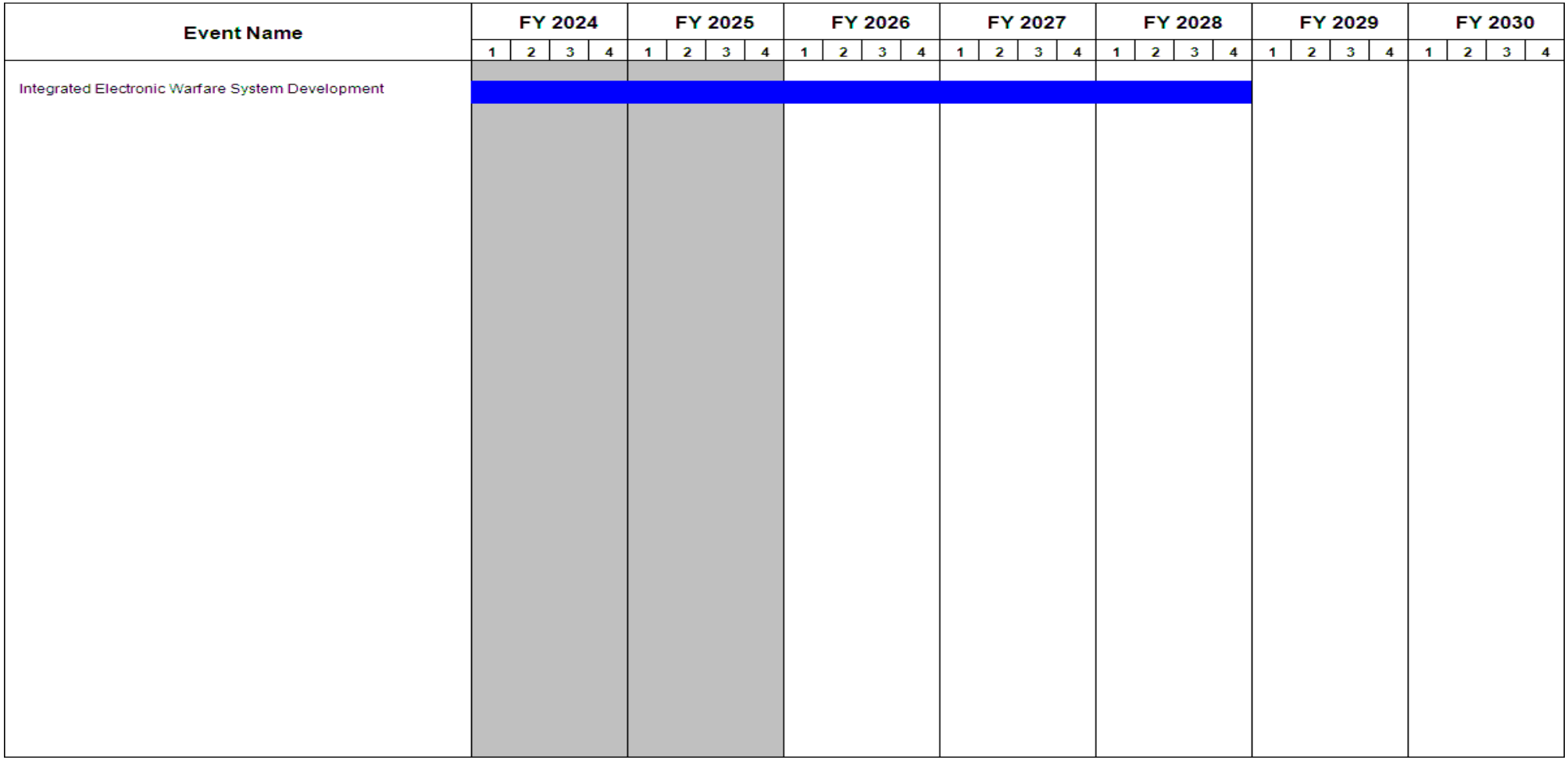


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604270A / *Electronic Warfare Development*	**Project (Number/Name)** VS6 / *Integrated Electronic Warfare Systems*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Integrated Electronic Warfare System Development	2	2021	4	2028

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	80.777	57.686	56.553	-	56.553	-	-	-	-	-	-
CF3: *Integrated Soldier Systems (SL CFT)*	-	4.246	4.349	10.700	-	10.700	-	-	-	-	-	-
ES9: *Advanced Tactical Parachute System*	-	2.675	3.646	3.168	-	3.168	-	-	-	-	-	-
EW4: *Crew Served Weapons Engineering Development*	-	19.643	3.685	3.677	-	3.677	-	-	-	-	-	-
FF2: *Small Arms Fire Control*	-	16.683	3.350	4.694	-	4.694	-	-	-	-	-	-
FM4: *Next Generation Squad Weapons*	-	8.552	10.805	4.557	-	4.557	-	-	-	-	-	-
S58: *Soldier Enhancement Program*	-	4.718	10.077	9.844	-	9.844	-	-	-	-	-	-
S60: *Clothing & Equipment*	-	3.902	6.218	7.836	-	7.836	-	-	-	-	-	-
S61: *Acis Engineering Development*	-	3.590	3.025	3.443	-	3.443	-	-	-	-	-	-
S63: *Individual Weapons Engineering Development*	-	3.419	3.430	1.481	-	1.481	-	-	-	-	-	-
S70: *Personnel Recovery Support System (PRSS)*	-	5.496	0.591	-	-	-	-	-	-	-	-	-
VS5: *Soldier Protective Equipment*	-	7.853	8.510	7.153	-	7.153	-	-	-	-	-	-

Note

Project GM1 / Future Medium Machine Gun is a New Start within PE 0604601A / Infantry Support Weapons program in FY 2026.

The Precision Grenadier System (PGS) effort within Project S63 / Individual Weapons Engineering Development is a New Start within PE 0604601A / Infantry Support Weapons program in FY 2026.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604601A *I Infantry Support Weapons*

A. Mission Description and Budget Item Justification

A portion of this funding line directly aligns to the Soldier Lethality Army Modernization Priority. This Program Element (PE) Engineering and Manufacturing Development (EMD) manages the Soldier as a system, with the goal of increasing Soldiers' combat effectiveness, increasing survivability, and improving the Soldiers' quality of life. It develops and tests prototypes of weapons, clothing, equipment, and other items useful to support the Soldier.

Project CF3 (Integrated Soldier Systems (SL CFT)) test, maintain and evolve a Soldier/squad equipment configuration baseline, the Architecture Assessment Tool and conduct configuration management at the system level. The Adaptive Squad Architecture (ASA) and the Soldier Integration Facility (SIF) are Program Executive Soldier Office - Soldier (PEO-S) led efforts to support the Close Combat Integration Enterprise. These efforts support maturing and evaluating technologies for Squad as a System (SaaS). The focus is a system of systems approach that includes updating Formations Based Architecture, evaluation of interoperability of systems on the soldier and squad and updating the Architecture Assessment Tool (AAT). Maturing digital models, algorithms, integrating with virtual, constructive and live outdoor evaluation and digital tools across the Army, other Services, and Allies allows the PEO-S to act as the Leading Systems Integrator for SaaS. Funding for this project aligns with the Army's Digital Engineering and Digital Transformation Strategy and is a Soldier Lethality Cross Functional Team priority.

Project ES9 (Advanced Tactical Parachute System) improves personnel parachute systems and associated equipment for low and high altitude operations to include canopy improvements based on integration of new technology with the goal of enhancing the insertion capability and safety of the airborne Soldier and increasing the performance, reliability, and durability of personnel airdrop equipment.

Project EW4 (Crew Served Weapons Engineering Development) Funding support Crew Served Weapons systems include small and medium caliber weapons ranging up to 40 millimeter and remote weapon stations. These efforts focus on system improvements designed to enhance lethality, target acquisition, fire control, usability, training effectiveness and reliability of weapons to include ammunition and counter UAS when developing and/or evaluating standard, non-standard weapons and remote weapon station enhancements. Focus areas include system development, integration (to include human-systems), demonstration, test and evaluate components, prototypes and operational system prototypes of small arms weapon systems and/or enhancements. Benefits include continuous improvements to small arms weapon systems, fire control equipment, optics, gun barrels, ancillary equipment, training devices, component mounts, weapon mounts, and weapon/ammunition interface of current small arms fleet or new weapon systems.

Project FF2 (Small Arms Fire Control) supports the development of an advanced fire control for the Next Generation Automatic Rifle (NGSW-AR) and Rifle (NGSW-R). The Next Generation Fire Control will increase the probability of hit and decrease the time to engage through a variable powered direct view optic with integrated range finder, ballistic calculator, and digital display capable of providing an adjusted aim point.

Project FL8 (84mm MAAWS Ammunition) supports test, evaluation and quality up to seven types of 84 millimeter (mm) munitions for the U.S. Army use with the M3/ M3A1 Multi-Role Anti-Personnel Weapon Systems (MAAWS).

Project FM4 (Next Generation Squad Weapons) supports the rapid prototyping and development of a NGSW-AR, NGSW-R and common cartridge to provide capability improvements in accuracy, range and lethality, in order to maintain overmatch and meet future warfighter requirements.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604601A *I Infantry Support Weapons*

Project GM1 (Future Medium Machine Gun) is intended to replace M240s inside the Closed Combat Force (CCF). The FMMG will increase Squad survivability and lethality in large scale combat operations. The FMMG is a belt fed crew served direct fire weapon system that will enable the rifle platoon to organically suppress and destroy enemy personnel targets and maintain operational tempo. The FMMG will provide increased lethality and capability to the warfighter compared to present Machine Gun technologies fielded to Operational Units.

Project S58 (Soldier Enhancement Program) supports accelerated integration, modernization, and enhancement efforts of lighter, more lethal weapons, and improved Soldier items including lighter, more comfortable load-bearing equipment, field gear, survivability items, communications equipment, and navigational aids.

Project S60 (Clothing & Equipment) supports pre-production development of state-of-the-art individual clothing and equipment to improve the survivability, mobility and sustainment affecting the quality of life of the individual Soldier.

Project S61 (Acis Engineering Development) provides System Development programs with improved aircrew safety, survivability, and human performance that amplify the warfighting effectiveness and facilitates full-spectrum dominance of the Army aircraft including the AH-64 Apache/Longbow, CH-47 Chinook, UH/HH-60 Blackhawk, Light Utility Helicopter, and Future Vertical Lift (FVL) platforms.

Project S63 (Individual Weapons Engineering Development) demonstrates engineering development models or integrated commercial items designed to enhance lethality, target acquisition, fire control, training effectiveness, and reliability for small arms weapon systems and ammunition. Programs include Improved Weapons Coatings, Personal Defense Weapon, 30 Round 5.56mm Magazine, Modular Handgun System (MHS), Precision Sniper Rifle (PSR), Sub Compact, Interim Combat Service Rifle (ICR) and Precision Grenadier System (PGS).

Project S70 (Personnel Recovery Support System (PRSS)) provides system research, development and testing of the Personal Recovery Support System/Personnel Recovery Support Equipment supporting operations to report and locate isolated, missing, detained or captured Soldiers.

Project VS5 (Soldier Protective Equipment) supports engineering and manufacturing development of Individual Soldier Ballistic Protection equipment. It will leverage advancements in technology to continue incremental improvements to body armor (to include improved outer tactical vests, plate carriers, and helmets) and other personal protective equipment.

The FY 2026 request was reduced by $4.166 million for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604601A *I Infantry Support Weapons*

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	64.076	52.586	62.452	-	62.452
Current President's Budget	80.777	57.686	56.553	-	56.553
Total Adjustments	16.701	5.100	-5.899	-	-5.899
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	19.100	5.100			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.060	-			
• SBIR/STTR Transfer	-2.339	-			
• Adjustments to Budget Years	-	-	-5.899	-	-5.899

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Project: EW4: *Crew Served Weapons Engineering Development*		
Congressional Add: *Cannon Life Extension*	1.500	-
Congressional Add: *Cannon Life Extension Reduction of Hexavalent Chromium*	3.000	-
Congressional Add: *CROWS-AHD*	5.000	-
Congressional Add: *Crew-Served Weapons Fire Control Sensor Development*	6.000	-
Congressional Add Subtotals for Project: EW4	15.500	-
Project: S58: *Soldier Enhancement Program*		
Congressional Add: *Soldier enhancement program*	-	5.100
Congressional Add Subtotals for Project: S58	-	5.100
Project: S60: *Clothing & Equipment*		
Congressional Add: *Arctic Mobility Dismounted Domestic Boot*	0.600	-
Congressional Add Subtotals for Project: S60	0.600	-
Project: S70: *Personnel Recovery Support System (PRSS)*		
Congressional Add: *PRSS Secure Mode Congressional Add*	3.000	-

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604601A *I Infantry Support Weapons*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Congressional Add Subtotals for Project: S70	3.000	-
Congressional Add Totals for all Projects	19.100	5.100

Change Summary Explanation

Increase in FY 2026 funding from the previous PB to the current PB due to supporting Precision Grenadier System (PGS) as a new start in FY 2026.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) CF3 / *Integrated Soldier Systems (SL CFT)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
CF3: *Integrated Soldier Systems (SL CFT)*	-	4.246	4.349	10.700	-	10.700	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Adaptive Squad Architecture (ASA) and the Soldier Integration Facility (SIF) are Program Executive Soldier Office - Soldier (PEO-S) led efforts to support the Close Combat Integration Enterprise. These efforts support maturing and evaluating technologies for Squad as a System (SaaS). The focus is a system of systems approach that includes updating Formations Based Architecture, evaluation of interoperability of systems on the soldier and squad and updating the Architecture Assessment Tool (AAT). Maturing digital models, algorithms, integrating with virtual, constructive and live outdoor evaluation and digital tools across the Army, other Services, and Allies allows the PEO-S to act as the Leading Systems Integrator for SaaS. Funding for this project aligns with the Army's Digital Engineering and Digital Transformation Strategy and is a Soldier Lethality Cross Functional Team priority. FY26 funding directly supports IBCT formation based architectures that connect Soldier Borne Mission Command, Nett Warrior, and LASSO with other sensors and robotics to provide 3rd party extensibility on the battlefield. Funding also supports common control/controller architecture development between Nett Warrior and robotics being employed during HMI-F Inc 1, and a dismounted Soldier C2 architecture that is integrated with Next Generation Command and Control (NGC2) and Uncrewed Vehicle Control (UVC)

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Integrated Soldier Systems ***Description:*** Test, maintain, and evolve a Soldier/squad equipment configuration baseline, the Architecture Assessment Tool (AAT) and conduct configuration management at the system level. Physically integrate components, improve compatibility and interoperability across programs. Establish and maintain tools that provide Systems Engineering, Configuration Management and Evaluation in a virtual and physical environment. Conduct evaluations and integrate mission-specific equipment into the Adaptive Squad Architecture (ASA) with continued emphasis on development of ICDs, evaluations, and improved fidelity. ***FY 2025 Plans:*** Continue to develop and integrate mission-specific equipment with other combat platforms into initial version of ASA and build to IBCT level Architecture. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to efforts being combined with Integrated Soldier/Squad as a System.	-	0.152	-	-	-
Title: ASA/SIF Evaluations	-	4.197	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** CF3 / *Integrated Soldier Systems (SL CFT)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: ASA provides a digital engineering foundation for Soldier Centered Design in a virtual (Army Cloud) environment to provide a common operating picture across the CCIE. The ASA requirement is based on the 2018 Soldier Lethality Initial Capabilities Document which promotes "capturing models in the ASA that identify specific connection points for development, integration and commonality of new systems that exchange data to provide information to warfighters that augment the speed of decisions with improved accuracy and reliability". ASA provides a starting point for new integration efforts to explore integration gaps and opportunities prior to and as part of the prototyping phase, before a Soldier Touch Point, and throughout the acquisition life cycle. ***FY 2025 Plans:*** Execute integration, innovation and synchronization across PEO Soldier and other PEOs to provide Small Units with decisive overmatch resulting from a synchronization of effects in multiple domains. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to efforts being combined with SIF Evaluations.					
Title: Integrated Soldier/Squad as a System ***Description:*** Test, maintain, and evolve a Soldier/squad equipment configuration baseline and mature digital models in the Architecture Assessment Tool (AAT). Physically integrating components, improve interoperability of systems by defining and demonstrating virtual interface connection points on the soldier and squad in the Close Combat Formation. Integrated Soldier/Squad as a System continues maturing a metrics-based approach to virtually demonstrate the interaction between other Service models to demonstrate and maintain configuration management of the SaaS and archive Soldier Load with AAT. ASA continues to connect and improve Formation Bases Architectures to show a full digital linkage of systems to Close Combat Formation missions. ***FY 2026 Base Plans:*** Mature and improve Formations Based Architecture linkages with digital engineering tools to inform multiple stakeholders of dismounted architectures in multiple environments. Anticipate focusing on the following areas: - Integrated Head Borne System - Signature Management - Soldier and Small unit power management - Small unit resupply ***FY 2025 to FY 2026 Increase/Decrease Statement:***	4.085	-	4.414	-	4.414

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** CF3 / *Integrated Soldier Systems (SL CFT)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
The FY 2026 funding increase due to providing Close Combat integration Enterprise (CCIE) with digital engineering tools aligned with Army's Digital Engineering and Digital Transformation Strategy, create formation-based architecture products in support of Army Transformation in Contact and Continuous Transformation, and conduct Campaign of Learning and Experimentation to improve the integrated Soldier/Squad as a System.					
Title: SIF Evaluations ***Description:*** ASA provides a digital engineering architecture foundation for the SaaS. SIF verifies, validates and tests in both indoor and outdoor evaluations for interoperability and integration of the Soldier/Squad in Close Combat Formations. Information is used in managing configurations as the Lead Systems Integrators for SaaS. Interactions and evaluations with Innovation facilities located at the Division, Corps, Services and Allies address system interoperability on the Soldier/Squad platforms. ***FY 2026 Base Plans:*** Mature and improve Formations Based Architecture linkages with digital engineering tools to inform multiple stakeholders of dismounted architectures in multiple environments. Anticipate focusing on the following areas: - Integrated Head Borne System - Signature Management - Soldier and Small unit power management - Small unit resupply ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase supports Adaptive Squad Architecture's (ASA) Architecture Assessment Tool (AAT) to validate, verify, and operationally test in both physical and virtual environments.	-	-	6.286	-	6.286
Title: SBIR/STTR Transfer ***Description:*** Funding transferred in accordance with Title 15 USC §638.	0.161	-	-	-	-
Accomplishments/Planned Programs Subtotals	4.246	4.349	10.700	-	10.700

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• CF3: *Integrated Soldier Systems (SL CFT)*	4.246	4.349	10.700	-	10.700	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** CF3 / *Integrated Soldier Systems (SL CFT)*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost

Remarks

D. Acquisition Strategy

PEO Soldier will utilize available Adaptive Squad Architecture (ASA) and tools plus exercise the SIF with Team level and Squad level experimentation to assess system-of-systems capabilities for evaluation and integration, using current Systems Engineering and Technical Assistance (SETA) contracts, Federally Funded Research and Development Center personnel (FFRDCs) as necessary, plus tools/deliverables built under project CF2. The ASA/SIF will develop a metric-based approach that will include virtual, constructive and live evaluations and tools across the Department of Defense (DoD), academia and industry which will be used for senior leaders to make deliberate decisions based on the analysis of Soldier/Squad performance. The PEO will utilize project CF3 to leverage any data, architectural products or designs from the IVAS program and other PEO-S and Soldier Lethality Cross Functional Team priorities. Digital engineering information shared with other Army PEOs and Services to inform dismounted infantry and Close Combat formations and architectures through FY2030. IBCT formation based architectures (FBA) will connect Soldier Borne Mission Command, Nett Warrior, and LASSO with other sensors and robotics to provide 3rd party extensibility on the battlefield. FBA also supports common control/controller architecture development between Nett Warrior and robotics being employed during HMI-F Inc 1, and a dismounted Soldier C2 architecture that is integrated with Next Generation Command and Control (NGC2) and Uncrewed Vehicle Control (UVC)

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) CF3 / *Integrated Soldier Systems (SL CFT)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SBIR/STTR Transfer	TBD	TBD : TBD	-	0.161		-		-		-		-	0.000	0.161	-
		Subtotal	-	0.161		-		-		-		-	0.000	0.161	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ASA/SIF evaluations	MIPR	Various : To Be Determined	7.909	4.085	Jan 2024	4.197	Jan 2024	-		-		-	0.000	16.191	-
ASA Engineering, Manufacturing, Development	MIPR	Various : Various	7.180	-		0.152	Jan 2024	-		-		-	0.000	7.332	-
Integrated Soldier/Squad as a System	C/FFP	Various : Various	-	-		-		4.414		-		4.414	0.000	4.414	-
SIF Evaluations	C/FFP	Various : Various	-	-		-		6.286		-		6.286	0.000	6.286	-
		Subtotal	15.089	4.085		4.349		10.700		-		10.700	0.000	34.223	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	15.089	4.246		4.349		10.700		-		10.700	0.000	34.384	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** CF3 / *Integrated Soldier Systems (SL CFT)*

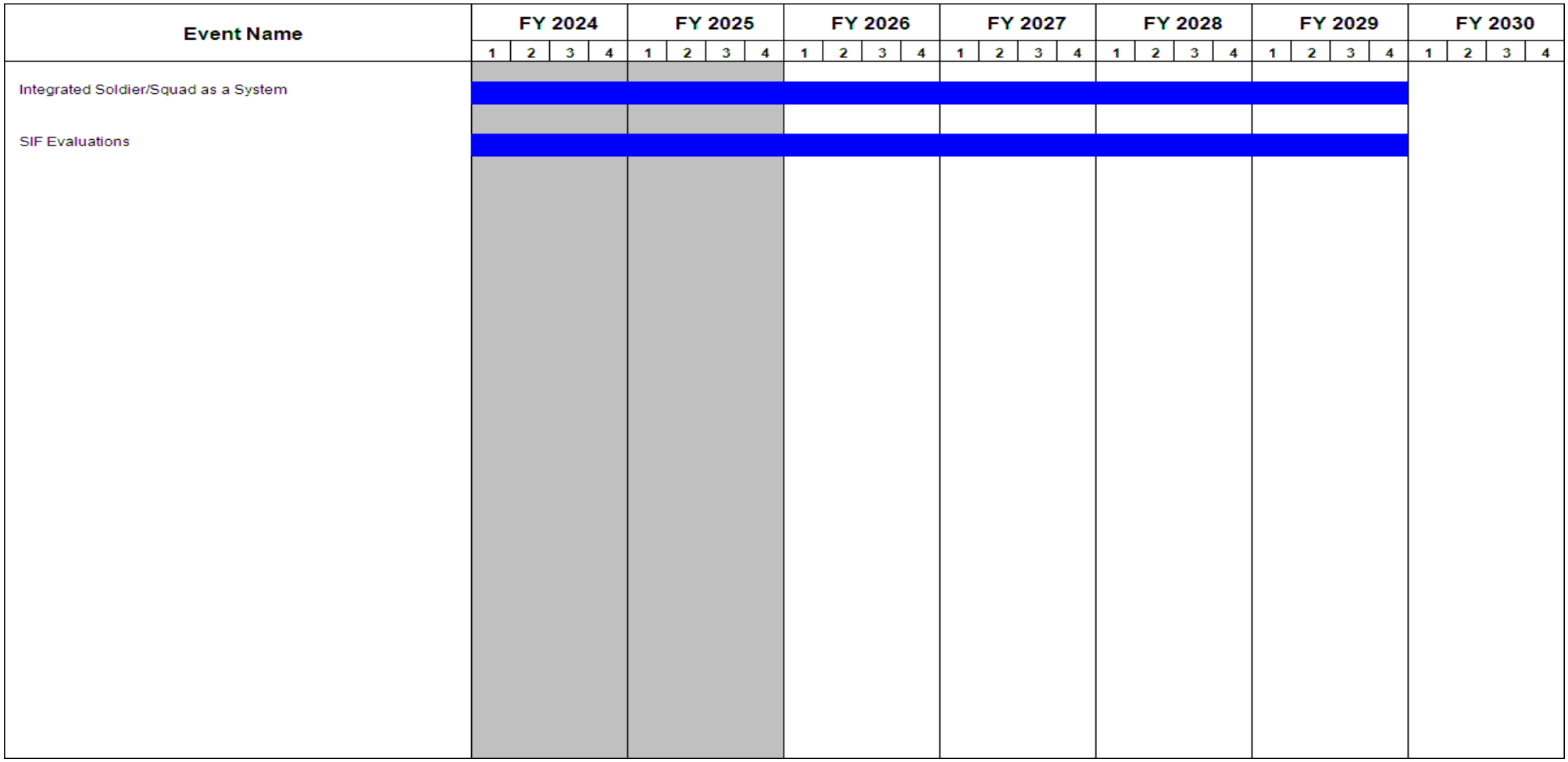


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** CF3 / *Integrated Soldier Systems (SL CFT)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Integrated Soldier/Squad as a System	2	2020	4	2029
SIF Evaluations	2	2020	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army										Date: June 2025		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*				Project (Number/Name) ES9 / *Advanced Tactical Parachute System*			
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
ES9: *Advanced Tactical Parachute System*	-	2.675	3.646	3.168	-	3.168	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding in this project supports the Army Modernization Priorities. Advanced Tactical Parachute System funding improves Low-Altitude and High-Altitude personnel parachutes and associated equipment to include test and evaluation of items transitioning from Advanced Component Development and prototype (6.4) efforts, with the goal of enhancing the insertion capability and safety of the airborne Soldier and increasing the performance, reliability, and durability of personnel airdrop equipment. Funding also supports improvements and testing/evaluation of personnel parachute systems including integration and interface with the Soldier system. This project will continue to support cross-service initiatives to improve commonality.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Advanced Tactical Parachute System	2.675	3.646	3.168	-	3.168
Description: Advanced Tactical Parachute System funds improvements and testing/evaluation of personnel parachute systems. Project supports improved Low Altitude and High Altitude personnel parachute systems and associated equipment to include test and evaluation of items transitioning from Advance Component Development and prototype (6.4) efforts, with the goal of enhancing the insertion capability and safety of the airborne Soldier and increasing the performance, reliability, and durability of personnel airdrop equipment.					
FY 2025 Plans: Continue with test and evaluation of T-11 modification to address cross corner inversion malfunctions. Continue Developmental Testing (DT) and Operational Testing (OT) of Parachutist Emergency Release System (PERS). Continue enhancement of high and low altitude insertion capabilities and continue supporting modernization initiatives to parachute systems and ancillary equipment.					
FY 2026 Base Plans: Continue Operational Testing (OT) of T-11 Cross Corner Inversion (CCI) modifications and Parachutist Emergency Release System (PERS). Begin Developmental Testing of Static Line Automatic Activation Device (SLAAD). Continue enhancement of high and low altitude insertion capabilities and continue supporting modernization initiatives to parachute systems and ancillary equipment.					
FY 2025 to FY 2026 Increase/Decrease Statement:					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** ES9 / *Advanced Tactical Parachute System*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Decreased funding is due to reduced costs associated with completion of Operational Testing for the Parachutist Emergency Release System (PERS).					
Accomplishments/Planned Programs Subtotals	2.675	3.646	3.168	-	3.168

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• MA7801: *Advanced Tactical Parachute System*	39.279	35.216	52.185	-	52.185	-	-	-	-	-	-
• ET8: *Personnel Airdrop System Development*	2.127	0.911	1.936	-	1.936	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Acquisition strategies for these programs vary in methods, and range from: 1) Material Change Proposals that result in engineering changes to existing systems to; 2) Traditional development programs that include an Engineering and Manufacturing Development phase ranging in duration from 12 to 48 months, depending on the level of complexity and testing required.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) ES9 / *Advanced Tactical Parachute System*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Dev Contracts	C/FFP	Various : Various	11.996	0.500		0.950		0.747		-		0.747	6.335	20.528	Continuing
Dev Sys Engineering Spt	MIPR	Various : Various	2.656	0.400		0.450		0.297		-		0.297	1.190	4.993	Continuing
		Subtotal	14.652	0.900		1.400		1.044		-		1.044	7.525	25.521	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Office Support Costs	MIPR	DEVCOM-SC : Natick, MA	3.775	0.350		0.350		0.350		-		0.350	0.491	5.316	Continuing
		Subtotal	3.775	0.350		0.350		0.350		-		0.350	0.491	5.316	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
DT/OT	MIPR	Various : Various	9.854	1.425		1.896		1.774		-		1.774	4.913	19.862	Continuing
		Subtotal	9.854	1.425		1.896		1.774		-		1.774	4.913	19.862	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	28.281	2.675		3.646		3.168		-		3.168	12.929	50.699	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** ES9 / *Advanced Tactical Parachute System*

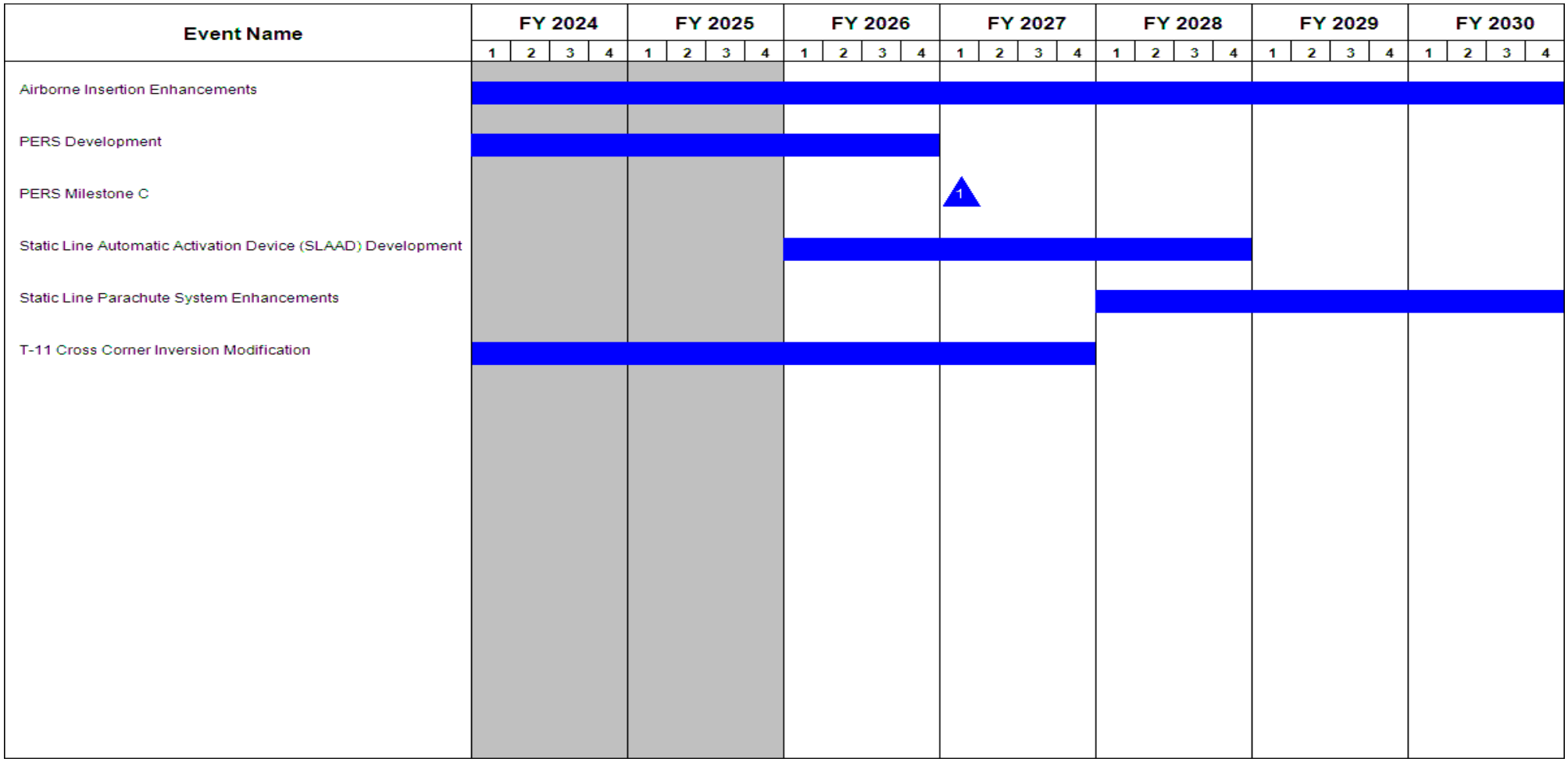


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** ES9 / *Advanced Tactical Parachute System*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Enhanced Electronic Auto Activation Device (EEAAD) Dev	1	2019	1	2023
EEAAD Milestone C	2	2023	2	2023
Airborne Insertion Enhancements	1	2019	4	2030
PERS Development	4	2021	4	2026
PERS Milestone C	1	2027	1	2027
Static Line Automatic Activation Device (SLAAD) Development	1	2026	4	2028
Static Line Parachute System Enhancements	1	2028	4	2030
T-11 Cross Corner Inversion Modification	1	2023	4	2027

Note

Note: Airborne Insertion Enhancements includes the following programs: High Altitude Combo Drops, Parachutist Oxygen, Enhanced Canopy Flight and Jumper Environmental Protection.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) EW4 / *Crew Served Weapons Engineering Development*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
EW4: *Crew Served Weapons Engineering Development*	-	19.643	3.685	3.677	-	3.677	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Crew Served Weapons Engineering and Manufacturing Development (EMD) program provides funds to transition components or prototypes from Budget Activity 4 (BA 4) Program Element (PE) 0603827A Soldier Systems - Advanced Development Project S54 Small Arms Improvement and other domestic and foreign sources of small arms weapon systems to demonstrate, test and evaluate capability near or at planned operational requirements. Crew Served Weapons systems include small and medium caliber weapons ranging up to 40 millimeter and remote weapon stations. Current and future efforts focus on system improvements designed to enhance lethality, target acquisition, fire control, usability, training effectiveness and reliability of weapons to include ammunition counter unmanned aerial system (C-UAS) when developing and/or evaluating standard, non-standard weapons and remote weapon station enhancements. Focus areas include system development, integration (to include human-systems), demonstration, test and evaluate components, prototypes and operational system prototypes of small arms weapon systems and/or enhancements. Benefits include continuous improvements to small arms weapon systems, fire control equipment, combat optics, gun barrels, ancillary equipment, training devices, component mounts, weapon mounts, and weapon/ammunition interface of current small arms fleet or new weapon systems.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Design and Development	3.008	2.550	2.700	-	2.700
Description: Design and development of Crew Served Weapons ***FY 2025 Plans:*** Will conduct weapons characterization and development for light, medium, and heavy machine gun technologies and design upgrades. Will validate specification requirements, improve system performance, and increase barrel longevity. Development activities will include integration of the planned XM101 40mm High Explosive Dual Purpose - Air Burst (HEDP-AB) programmer on the remote weapon station. Will also include hardware and software upgrades to the remote weapon station to enable future capabilities, such as kinetic engagement of unmanned aerial systems, improved target identification range, integration of emerging sensors and weapons, and networked communication between multiple systems and/or platforms.					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** EW4 / *Crew Served Weapons Engineering Development*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Completed enhanced weapon coatings, previously called adaptive lubricious coatings will develop manufacturing technology to support production of super hydrophobic and other coatings in support of preserving barrel, operating group and bolt life of crew served weapons while improving weapon readiness. Will perform test and evaluation on coated M240 machine guns to quantify performance gains, as well as mature application of coatings into weapon Original Equipment Manufacturer manufacturing processes. New Weapons and Enabling Technology Evaluations and Assessments will continue to explore new technologies and perform initial evaluations and assessments required to facilitate rapid acquisition of increased capabilities where applicable. ***FY 2026 Base Plans:*** Will conduct weapons characterization and development for light, medium, and heavy machine gun technologies and design upgrades. Will validate specification requirements, improve system performance, and increase barrel longevity. Development activities will include integration of the planned XM101 40mm High Explosive Dual Purpose - Air Burst (HEDP-AB) programmer on the remote weapon station. Modifications/improvements to 40mm programming unit for air burst and counter-unmanned aerial systems (C-UAS) capabilities. Modifications/ improvements to combat optics such as brackets and /or other ancillary items. Will also include hardware and software upgrades to the remote weapon station to enable future capabilities, such as kinetic engagement of unmanned aerial systems, improved target identification range, integration of emerging sensors and weapons, and networked communication between multiple systems and/or platforms. New Weapons and Enabling Technology Evaluations and Assessments will continue to explore new technologies and perform initial evaluations and assessments required to facilitate rapid acquisition of increased capabilities, especially in support of the Future Medium Machine Gun Program. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to design and development activities on new weapons technology.					
Title: Test and Evaluation ***Description:*** Test and evaluation of Crew Served Weapons	1.135	1.135	0.977	-	0.977

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** EW4 / *Crew Served Weapons Engineering Development*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2025 Plans: Will continue to test and evaluate technologies and improvements, to include required testing for medium machine gun and remote weapon station enhancements. Continue testing to evaluate suitability of the XM250 for the current M240-series medium machine gun role. Conduct testing of 6.8mm M240 barrel assembly, as well as evaluate other 6.8mm M240 solutions available in the marketplace. ***FY 2026 Base Plans:*** Will continue to test and evaluate technologies and improvements, to include required testing for light, medium and heavy machine guns and remote weapon system enhancements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to a decrease in testing efforts.					
Accomplishments/Planned Programs Subtotals	4.143	3.685	3.677	-	3.677

	FY 2024	FY 2025
Congressional Add: Cannon Life Extension ***FY 2024 Accomplishments:*** Advance and optimize the explosive bonding process of tantalum-tungsten alloy liners to create improved, longer life small and medium caliber barrels. Mature inspection methodologies and equipment for tantalum lined barrels. Develop manufacturing technologies that enable the affordable production and sustainment of future weapon systems. Qualify full length lined 7.62mm machine gun barrels.	1.500	-
Congressional Add: Cannon Life Extension Reduction of Hexavalent Chromium ***FY 2024 Accomplishments:*** Advance and optimize the explosive bonding process of tantalum-tungsten alloy liners to create improved, longer life small and medium caliber barrels. Mature inspection methodologies and equipment for tantalum lined barrels. Develop manufacturing technologies that enable the affordable production and sustainment of future weapon systems. Qualify full length lined 7.62mm machine gun barrels.	3.000	-
Congressional Add: CROWS-AHD	5.000	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** EW4 / *Crew Served Weapons Engineering Development*

	FY 2024	FY 2025
FY 2024 Accomplishments: The Army is working to accelerate prototyping, testing and fielding of an Acoustic Hailing Device (AHD) for integration onto a CROWS as part of an Escalation of Force (EOF) kit. Furthers efforts executed under FY23 Line Item # 92 $1,000K Program Increase CROWS-AHD of prototype integration kits with the goal of demonstrating the integrated capability.		
Congressional Add: Crew-Served Weapons Fire Control Sensor Development ***FY 2024 Accomplishments:*** Working to develop AI-enabled weapon sensor hardware and characterization for small arms (ex. M240 and M249). Assessing the technology against U.S. military requirements and in support of the following capabilities: Automated logistics / resupply, Training, Situational awareness, Predictive maintenance. Plan to report effort outcomes including size, weight, power and cost analysis, solution architecture, and results of Soldier assessment(s).	6.000	-
Congressional Adds Subtotals	15.500	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• S54: *Small Arms Improvement*	22.762	7.971	21.044	-	21.044	-	-	-	-	-	-
• FM4: *Next Generation Squad Weapons*	8.552	10.805	4.557	-	4.557	-	-	-	-	-	-
• GZ1500: *Sniper Rifles Modifications*	-	-	0.019	-	0.019	-	-	-	-	-	-
• GL3200: *Items Less Than $5.0m (WOCV-WTCV)*	5.020	1.031	0.469	-	0.469	-	-	-	-	-	-
• G13000: *M240 Medium Machine Gun (7.62mm)*	17.542	5.503	0.005	-	0.005	-	-	-	-	-	-
• G01506: *Precision Sniper Rifle*	7.748	5.910	1.853	-	1.853	-	-	-	-	-	-

Remarks

In support of Small Arms Requirements, components or prototypes developed in BA 4 PE 0603827A Soldier Systems - Advanced Development Project S54 Small Arms Improvement transition to BA 5 PE 0604601A Infantry Support Weapons Project EW4 Crew Served Weapons Engineering Development to conduct engineering and manufacturing development. Once the component, prototype or operational prototype achieves Milestone C and type classification the item transitions to small arms weapon systems production or modification programs.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** EW4 / *Crew Served Weapons Engineering Development*

D. Acquisition Strategy

Primary strategy is to mature and finalize design efforts, award Research, Development, Test and Evaluation (RDT&E), contracts, and/or Department of Defense Ordnance Technology Consortium (DOTC) and other OTA type hardware contracts. Test and evaluate systems that result in type classification, material release, and follow-on production contract awards.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) EW4 / *Crew Served Weapons Engineering Development*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	Allot	PM Soldier Weapons, : Picatinny Arsenal	2.371	0.155	Nov 2024	0.205	Mar 2025	0.160	Mar 2026	-		0.160	Continuing	Continuing	Continuing
Travel	MIPR	PM Soldier Weapons, : Picatinny Arsenal	0.407	0.020	Nov 2024	0.020	Mar 2025	0.020	Mar 2026	-		0.020	Continuing	Continuing	-
		Subtotal	2.778	0.175		0.225		0.180		-		0.180	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Fabrication	Various	Various : Multiple Contractors	11.919	0.300	Mar 2024	0.300	Mar 2025	-		-		-	Continuing	Continuing	-
Hardware Development	MIPR	Army Research Development Engineers Centers : Multiple	31.634	1.230	Mar 2024	1.608	Mar 2025	1.200	Mar 2026	-		1.200	Continuing	Continuing	Continuing
CA: Crew Served Weapons Fire Control Sensor Development	TBD	Armaments Research Company, Inc. : Bethesda, MD	-	6.000	Feb 2025	-		-		-		-	0.000	6.000	-
CA: Cannon Life Extension Reduction of Hexavalent Chromium	TBD	HEMI, LLC : Sequim, Washington	-	3.000	Feb 2025	-		-		-		-	0.000	3.000	-
CA: Cannon Life Extension	TBD	HEMI, LLC : Sequim, Washington	-	1.500	Feb 2025	-		-		-		-	0.000	1.500	-
CA: CROWS - AHD	TBD	Konsberg and Genasys : Norway and California	-	5.000	Feb 2025	-		-		-		-	0.000	5.000	-
		Subtotal	43.553	17.030		1.908		1.200		-		1.200	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) EW4 / *Crew Served Weapons Engineering Development*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering	MIPR	Army Research Development Engineering Centers : Multiple	12.613	1.259	Mar 2024	0.259	Mar 2025	1.357	Mar 2026	-		1.357	Continuing	Continuing	Continuing
Logistics	MIPR	Tank & Automotive Command (TACOM), : Warren	0.860	0.058	Mar 2024	0.065	Mar 2025	-		-		-	Continuing	Continuing	-
Human Research and Engineering	MIPR	Army Research Laboratory, : Aberdeen Proving Ground	1.048	-		0.100	Mar 2025	-		-		-	Continuing	Continuing	-
		Subtotal	14.521	1.317		0.424		1.357		-		1.357	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Testing	MIPR	Army Developmental Test Command, : Aberdeen Proving Ground	8.677	0.607	Nov 2024	0.607	Mar 2025	0.940	Mar 2026	-		0.940	Continuing	Continuing	Continuing
Operational Testing	MIPR	Army Test and Evaluation Command, : Aberdeen Proving Ground	4.115	0.407	Nov 2024	0.407	Mar 2025	-		-		-	Continuing	Continuing	Continuing
Validation Testing	MIPR	Army Test and Evaluation Centers, : Multiple	0.858	0.107	Nov 2024	0.114	Mar 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	13.650	1.121		1.128		0.940		-		0.940	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) EW4 / *Crew Served Weapons Engineering Development*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	74.502	19.643		3.685		3.677		-		3.677	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** EW4 / *Crew Served Weapons Engineering Development*

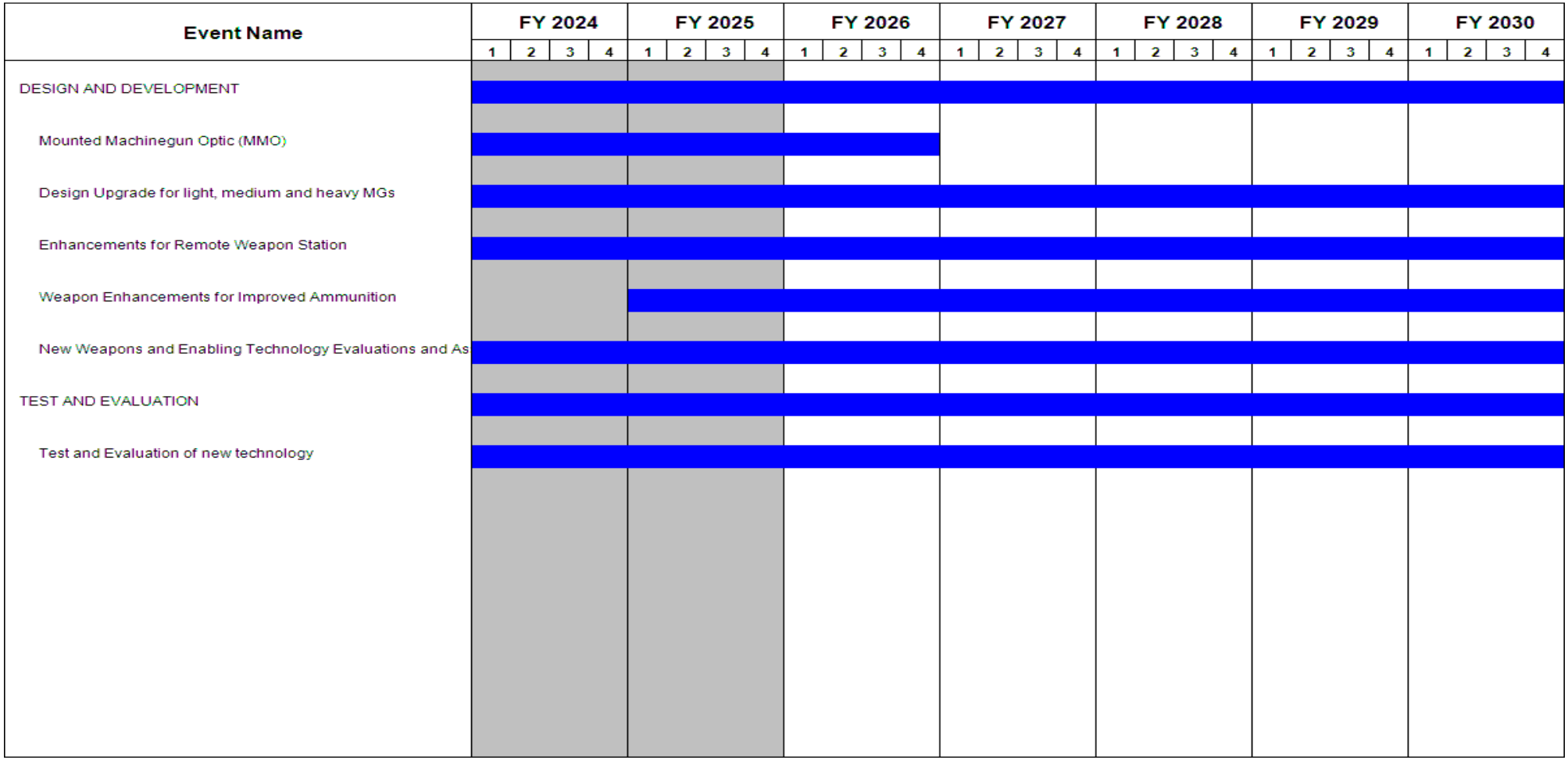


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** EW4 / *Crew Served Weapons Engineering Development*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
DESIGN AND DEVELOPMENT	1	2020	4	2030
Mounted Machinegun Optic (MMO)	1	2020	4	2026
Design Upgrade for light, medium and heavy MGs	1	2024	4	2030
Enhancements for Remote Weapon Station	1	2023	4	2030
Weapon Enhancements for Improved Ammunition	1	2025	4	2030
New Weapons and Enabling Technology Evaluations and Assessments	1	2023	4	2030
TEST AND EVALUATION	1	2020	4	2030
Test and Evaluation of new technology	1	2021	4	2030

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) FF2 / *Small Arms Fire Control*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
FF2: *Small Arms Fire Control*	-	16.683	3.350	4.694	-	4.694	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The M157 Next Generation Squad Weapon - Fire Control (NGSW-FC) is an advanced fire control device that supports the Next Generation Squad Weapons. NGSW-FC increases the probability of hit and decreases the time to engage through a variable powered direct view optic with integrated range finder, ballistic calculator, and digital display capable of providing an adjusted aim point. The M157 NGSW-FC will utilize open architecture along with modular interfaces that will deliver the initial increased core capability followed by increasing increments of capability/enhancements over time as technology matures and evolves. Supports development and test of weapon mounted optics, lasers, sensors, and other enablers to increase lethality of dismounted weapon systems.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Design, Develop and Fabricate	12.904	1.619	2.853	-	2.853
Description: Includes contract awards for improvements of all Fire Control configurations, enhancements, and other weapon mounted enablers.					
FY 2025 Plans: Finalized design and began hardware fabrication for thermal sensor capability, passive targeting capability, and networked integration with other soldier-worn equipment. Prototype optic assemblies with advanced surface treatment for signature reduction. Continued development and improvement efforts based on operational feedback, including prototype development with Vortex Optics for extended battery life, improved remote, and optimized software features.					
FY 2026 Base Plans: Complete hardware development for thermal sensor capability, passive targeting capability, and networked integration with other solider-worn equipment. Continue to conduct development and improvement efforts to provide enhanced Fire Control capabilities progressing towards Generation 4 Fire Control by utilizing Artificial Intelligence/Machine Learning, automatic target detection/recognition/identification, target tracking, improve accuracy, and optimizing size, weight, and power to reduce soldier load.					
FY 2025 to FY 2026 Increase/Decrease Statement:					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FF2 / *Small Arms Fire Control*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2026 funding increase due to additional prototype development with the focus on improving enhanced targeting and accuracy. Software development will increase based on feedback from thermal module testing and integration of target detection, target tracking, and other Artificial Intelligence/Machine Learning efforts.					
Title: Engineering Support ***Description:*** Government engineering support, providing oversight of design development and contractor performance. ***FY 2025 Plans:*** Provided government engineering support at laboratories and engineering centers; providing design, limited testing and oversight of development and contractor performance, provide engineering support at program operational test events including adversarial assessment. ***FY 2026 Base Plans:*** Will continue to provide government engineering support at laboratories and engineering centers; providing design, limited testing and oversight of development and contractor performance, provide engineering support at program operational test events including adversarial assessment. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to the need for more government engineering support and oversight, as the design and production readiness of the initial thermal capability is reviewed and validated with the vendor, and documentation is prepared for transition of the thermal capability toward production.	0.884	0.560	0.630	-	0.630
Title: Test and Evaluation ***Description:*** Government testing and evaluation of prototypes, articles, and improvements. Includes Soldier Touch Point evaluations. ***FY 2025 Plans:*** Completed Operational Assessment, Adversarial Assessment, Airborne Limited User Test, and Hot natural environment testing of the M157 to evaluate integration, cyber security, operational effectiveness in natural environments. Product improvement prototypes will undergo technical testing and Soldier Touch Point user evaluations. Test optics, lasers, and other weapon mounted enablers to characterize their compatibility, lethality and effectiveness with dismounted weapon systems. ***FY 2026 Base Plans:***	2.435	0.944	0.991	-	0.991

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FF2 / *Small Arms Fire Control*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Complete tropical natural environment testing of the M157 to evaluate operational effectiveness in natural environment. Will conduct government assessments, technical testing, and Soldier Touch Point evaluations of thermal capability and product improvement prototypes. Conduct soldier in the loop thermal testing. Continue to test optics, lasers, and other weapon mounted enablers to characterize their compatibility, lethality and effectiveness with dismounted weapon systems. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increased due to additional government assessments and other forms of testing and evaluation, including technical testing and Soldier Touch Points, in order to validate the design and the production readiness of the initial thermal capability to support the transition toward production.					
Title: Program Management ***Description:*** Program management office non-labor activities, to include travel and other indirect costs. ***FY 2025 Plans:*** Provided for administrative costs incurred by the Program Management office, to include travel, contractor service support, and other requirements to support the program. ***FY 2026 Base Plans:*** Will continue to provide for administrative costs incurred by the Program Management office, to include travel, contractor service support, and other requirements to support the program. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease in program management due to transition of some support costs to production and a reduced requirement for contractor service support and other indirect costs.	0.460	0.227	0.220	-	0.220
Accomplishments/Planned Programs Subtotals	16.683	3.350	4.694	-	4.694

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• S54: *Small Arms Improvement*	22.762	7.971	21.044	-	21.044	-	-	-	-	-	-
• G14513: *Next Generation Squad Weapon - Fire Control*	186.759	252.712	250.184	-	250.184	-	-	-	-	-	-

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FF2 / *Small Arms Fire Control*

D. Acquisition Strategy

The NGSW-FC program is a Middle Tier Acquisition (MTA) program utilizing Rapid Prototyping authority under Section 804 of the FY 2016 National Defense Authorization Act (NDAA). A full and open competition selected two vendors for fixed amount Other Transaction Authority (OTA) awards to mature and finalize system designs and conduct test and evaluation. Following successful completion of the initial prototyping effort and approval of MTA - Rapid Fielding authority, the Government awarded a follow-on production Other Transaction Agreement (OTA) for the M157 NGSW-FC without further competition. RDT&E efforts will continue to develop new capabilities and transition them into production.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) FF2 / *Small Arms Fire Control*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Next Generation Squad Weapons- Fire Control OTA	C/FFP	Vortex Optics : Barneveld WI 53507-9412	8.470	12.904	Jul 2024	1.619	Apr 2025	2.853	Jan 2026	-		2.853	Continuing	Continuing	-
		Subtotal	8.470	12.904		1.619		2.853		-		2.853	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering Support	MIPR	DEVCOM Armaments Center : Picatinny Arsenal, NJ	8.422	0.884	Oct 2023	0.560	Oct 2024	0.630	Oct 2025	-		0.630	Continuing	Continuing	-
Program Management	Allot	Project Manager Soldier Lethality (PMSL) : Picatinny Arsenal, NJ	1.226	0.460	Oct 2023	0.227	Nov 2024	0.220	Nov 2025	-		0.220	Continuing	Continuing	-
		Subtotal	9.648	1.344		0.787		0.850		-		0.850	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	MIPR	Aberdeen Testing Center : Aberdeen Proving Ground, MD	7.673	2.265	Apr 2024	0.944	May 2025	0.991	Jan 2026	-		0.991	Continuing	Continuing	-
Test and Evaluation	MIPR	DEVCOM Data Analysis Center (DAC) : Aberdeen Proving Ground, MD	0.324	0.170	Jan 2024	-		-		-		-	0.000	0.494	-
		Subtotal	7.997	2.435		0.944		0.991		-		0.991	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) FF2 / *Small Arms Fire Control*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	26.115	16.683		3.350		4.694		-		4.694	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FF2 / *Small Arms Fire Control*

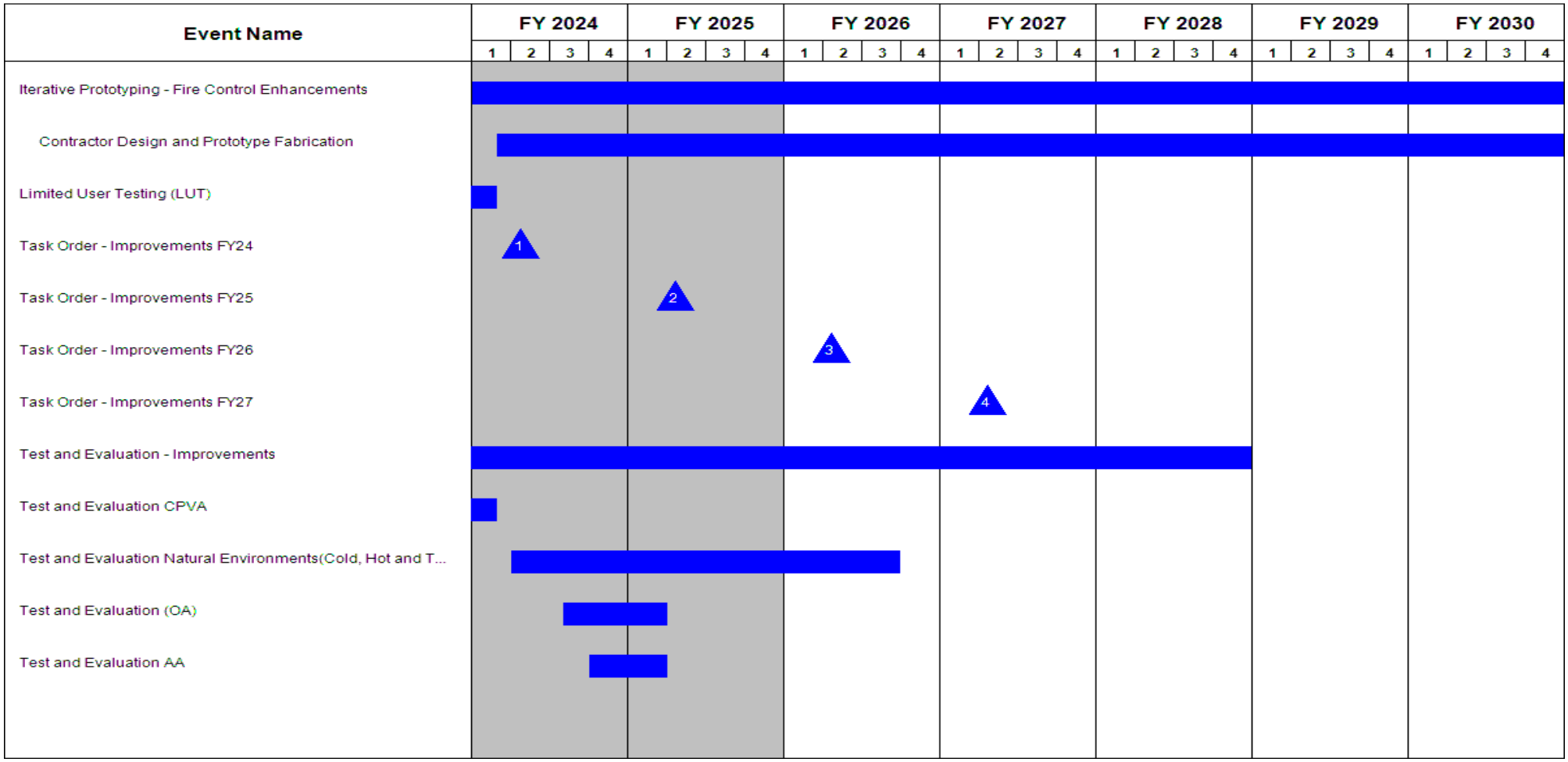


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FF2 / *Small Arms Fire Control*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Rapid Prototyping - Fire Control	1	2019	4	2021
Prototype Opportunity Notice	3	2019	3	2019
Other Transaction Agreement (OTA) Award - Rapid Prototyping	3	2020	3	2020
L3 Harris - Contractor Design and Prototype Fabrication	3	2020	4	2021
Vortex Optics- Contractor Design and Prototype Fabrication	3	2020	4	2021
Prototype Testing and Evaluation	1	2021	3	2021
Production Decision - NGFC	4	2021	4	2021
Iterative Prototyping - Fire Control Enhancements	1	2021	4	2030
OTA Award- Vortex Optics	2	2022	2	2022
Contractor Design and Prototype Fabrication	1	2022	4	2030
Test and Evaluation - IR Excursion and Integration	3	2022	3	2022
Task Order- Improvements FY22	4	2022	4	2022
Limited User Testing (LUT)	4	2023	1	2024
Task Order - Improvements FY23	2	2023	2	2023
Task Order - Improvements FY24	2	2024	2	2024
Task Order - Improvements FY25	2	2025	2	2025
Task Order - Improvements FY26	2	2026	2	2026
Task Order - Improvements FY27	2	2027	2	2027
Test and Evaluation - Improvements	4	2022	4	2028
Test and Evaluation CPVA	1	2024	1	2024
Test and Evaluation Natural Environments(Cold, Hot and Tropic)	2	2024	3	2026
Test and Evaluation (OA)	3	2024	1	2025
Test and Evaluation AA	4	2024	1	2025

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army											Date: June 2025	
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*				Project (Number/Name) FM4 / *Next Generation Squad Weapons*			
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
FM4: *Next Generation Squad Weapons*	-	8.552	10.805	4.557	-	4.557	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Next Generation Squad Weapons (NGSW) program will develop weapon systems and common 6.8mm cartridge to maintain overmatch and meet future force warfighter needs.

The M7 Rifle is the planned replacement for the M4A1 Carbine in the close combat force and select support units. The M7 Rifle will provide capability improvements in accuracy, range, and lethality.

The M250 Automatic Rifle is the planned replacement for the M249 Squad Automatic Weapon (SAW) in the close combat force and select support units. The M250 Rifle combines the firepower and range of a machine gun with the precision and ergonomics of a carbine, yielding capability improvements in accuracy, range, and lethality.

The M7 Rifle and M250 Automatic Rifle will use a common 6.8mm cartridge in a variety of ammunition types including but not limited to general purpose (GP), special purpose (SP), reduced range, and blank.

Development efforts for additional NGSW variants may follow to replace other legacy systems or provide additional enhanced capabilities.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**
Title: Contractor Design and Improvements	3.100	2.673	2.000	-	2.000
Description: Contractor design, development and improvements.					
FY 2025 Plans: Continued improvements on the NGSW weapons to enhance system performance. Improvements addressed Soldier feedback gained from operational test events. Efforts included weapon system reliability and dispersion; reduction in recoil forces and total system weight, integration of new 6.8mm ammunition types, integration of vehicles, and projectile development, as well as other optics, enablers and Soldier equipment. Purchased additional test articles to support integration, testing and user evaluations.					
FY 2026 Base Plans: Will continue improvements on the NGSW weapons to enhance system performance. Improvements will address Soldier feedback gained from operational test events. Efforts will include ergonomic improvements;					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
reduction in signature and system weight/length; integration of new 6.8 mm ammunition types and projectile development, as well as other optics, enablers, vehicles, and Soldier Equipment. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to integration of prior improvements into production, reducing need for contractor design for system improvement efforts.					
Title: Engineering Support ***Description:*** Government engineering support, providing oversight of design, development and contractor performance. ***FY 2025 Plans:*** Continued government-engineering support to provide design, limited testing, and oversight of development and contractor performance for capability enhancements and design improvements. ***FY 2026 Base Plans:*** Will continue government engineering support to provide design, limited testing, and oversight of development and contractor performance for capability enhancements and design improvements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to integration of prior improvements into production, reducing need for engineering support for system improvement efforts.	1.250	1.210	1.005	-	1.005
Title: Test and Evaluation ***Description:*** Testing and evaluation at government ranges and facilities. ***FY 2025 Plans:*** Continued Live Fire Test and Evaluations, conduct Operational Assessment, continue Natural Environment Testing, and conduct other operational evaluations. Will continue testing vendor hardware at USG facilities to assess product improvements and potential future system enhancements, integration with other enablers and will continue user evaluations. ***FY 2026 Base Plans:***	3.200	6.107	1.010	-	1.010

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Continue Natural Environment Testing and conduct other operational evaluations. Will continue testing vendor hardware at USG facilities to assess product improvements and potential future system enhancements, integration with other enablers and will continue user evaluations. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to integration of prior improvements into production, reducing need for test and evaluation for system improvement efforts.					
Title: Program Management ***Description:*** Program management office and oversight of government and contractor efforts. ***FY 2025 Plans:*** Program management office continued to provide oversight of contract actions, engineering support and test activities. ***FY 2026 Base Plans:*** Program management office will continue to provide oversight of contract actions, engineering support and test activities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to integration of prior improvements into production, reducing need for program management for system improvement efforts.	1.002	0.815	0.542	-	0.542
Accomplishments/Planned Programs Subtotals	8.552	10.805	4.557	-	4.557

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• G14511: *Next Generation Squad Weapon-Automatic Rifle*	27.984	23.133	32.724	-	32.724	-	-	-	-	-	-
• G14512: *NEXT GENERATION SQUAD WEAPON-RIFLE*	80.696	91.447	82.247	-	82.247	-	-	-	-	-	-
• FL4: *Small Caliber Ammo for Next Gen Squad Weapons*	26.659	20.955	23.081	-	23.081	-	-	-	-	-	-
• E06001: *NEXT GENERATION SQUAD WEAPON AMMUNITION*	242.897	194.889	426.177	-	426.177	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost

Remarks

D. Acquisition Strategy

The NGSW program, a Middle Tier Acquisition (MTA) program, transitioned from Rapid Prototyping authority under Section 804 of the FY 2016 National Defense Authorization Act (NDAA), to Rapid Fielding. Following a full and open competition, three vendors were selected for Rapid Prototyping and awarded Other Transaction Agreements (OTA) to prototype and mature system designs for a culminating test and evaluation effort to inform a down selection. Following successful completion of the prototyping effort, and approval of Rapid Fielding Authority, the Government awarded a follow-on contract to SIG Sauer Inc. for production and continued improvements of the M7 Rifle, the M250 Automatic Rifle, and 6.8mm common ammunition. The Program Office plans to transition the weapons, XM7 Rifle and XM250 Automatic Rifle, to two separate Major Capability Acquisition programs in 3QFY2026.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) FM4 / *Next Generation Squad Weapons*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	Allot	PM Soldier Lethality (PMSL) : Picatinny Arsenal, NJ	3.092	1.002	Oct 2023	0.815	Oct 2024	0.542	Oct 2025	-		0.542	0.000	5.451	-
		Subtotal	3.092	1.002		0.815		0.542		-		0.542	0.000	5.451	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Design Improvements	C/FFP	SIG Sauer, Inc. : Newington, NH	16.012	3.100	Jan 2024	0.900	Aug 2025	2.000	Jan 2026	-		2.000	0.000	22.012	-
Vehicle Integration	C/FFP	General Dynamics Land Systems : Sterling Heights, MI	-	-		1.773	May 2025	-		-		-	0.000	1.773	-
		Subtotal	16.012	3.100		2.673		2.000		-		2.000	0.000	23.785	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering Support	MIPR	DEVCOM Armaments Center : Picatinny Arsenal, NJ	11.211	1.250	Nov 2023	1.210	Nov 2024	1.005	Nov 2025	-		1.005	0.000	14.676	-
		Subtotal	11.211	1.250		1.210		1.005		-		1.005	0.000	14.676	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	MIPR	Army Test and Evaluation Command (ATEC) :	12.933	3.200	Jan 2024	6.107	Apr 2025	1.010	Nov 2025	-		1.010	0.000	23.250	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) FM4 / *Next Generation Squad Weapons*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Aberdeen Proving Ground, ND													
		Subtotal	12.933	3.200		6.107		1.010		-		1.010	0.000	23.250	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	43.248	8.552		10.805		4.557		-		4.557	0.000	67.162	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

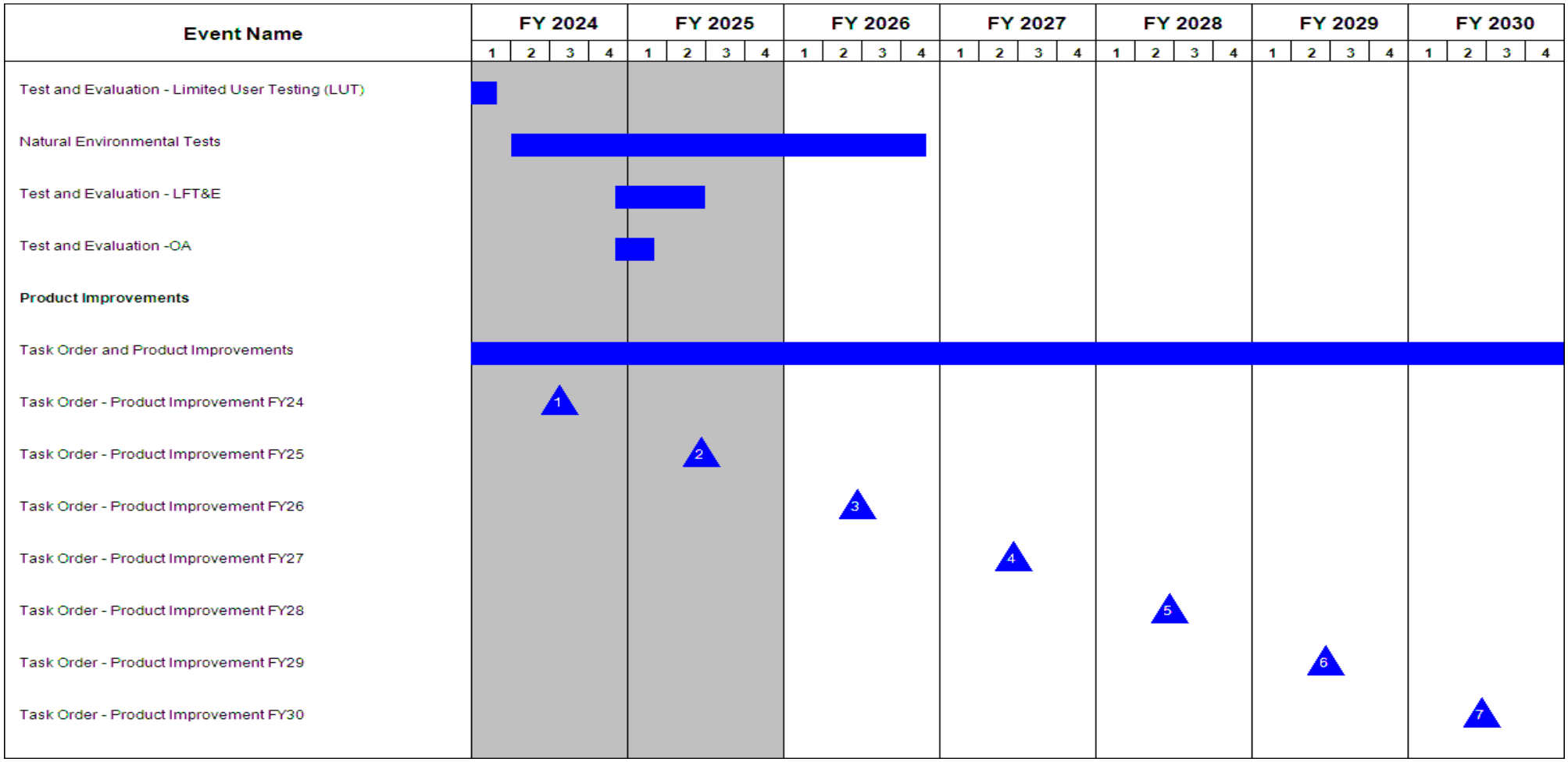


Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

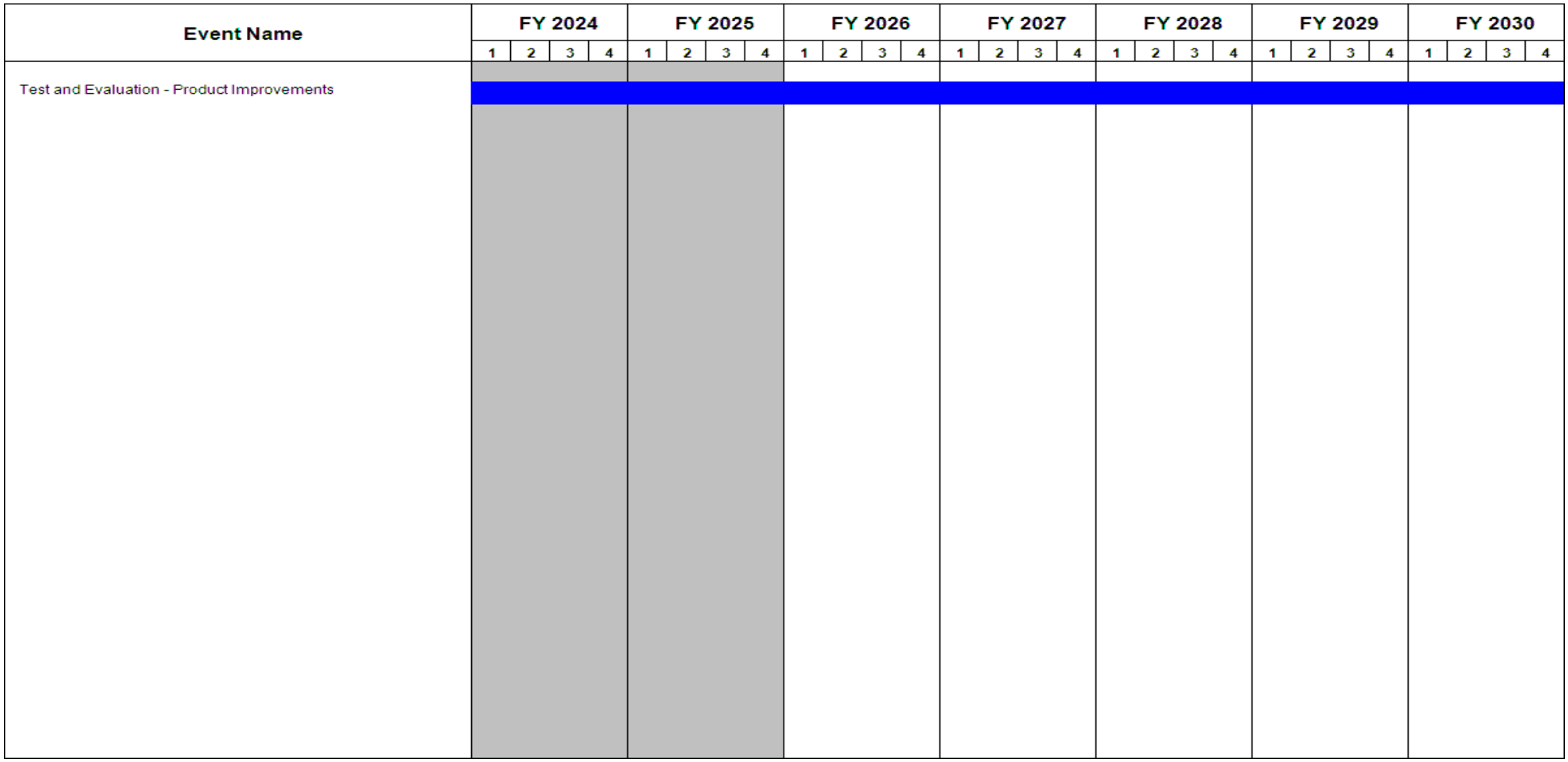


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Rapid Prototyping - Rifle / AR / Common Cartridge	4	2019	4	2021
Prototype Opportunity Notice	2	2019	2	2019
Other Transaction Agreements (OTA) Award - Rapid Prototyping	4	2019	4	2019
Sig Sauer Inc.- Contractor Design and Prototype Fabrication	4	2019	4	2021
General Dynamics- OTS Inc- Contractor Design and Prototype Fabrication	4	2019	4	2021
AAI CorpTextron Systems - Contractor Design and Prototype Fabrication	4	2019	4	2021
SIG Sauer - Production Down-Selection	3	2022	3	2022
Prototype Testing (Phase I) - Test and Evaluation	3	2020	4	2020
Prototype Testing (Phase II) - Test and Evaluation	2	2021	4	2021
Production Qualification Testing (PQT)	3	2023	4	2023
Limited Lethality Assessments (LLA)	3	2023	4	2023
Test and Evaluation - Limited User Testing (LUT)	4	2023	1	2024
Natural Environmental Tests	2	2024	4	2026
Test and Evaluation - LFT&E	4	2024	2	2025
Test and Evaluation -OA	4	2024	1	2025
Product Improvements	1	2022	4	2025
Task Order - Iterative Prototyping	3	2022	3	2022
Task Order and Product Improvements	3	2022	4	2030
Task Order - Product Improvement FY23	3	2023	3	2023
Task Order - Product Improvement FY24	3	2024	3	2024
Task Order - Product Improvement FY25	2	2025	2	2025
Task Order - Product Improvement FY26	2	2026	2	2026
Task Order - Product Improvement FY27	2	2027	2	2027

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** FM4 / *Next Generation Squad Weapons*

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Task Order - Product Improvement FY28	2	2028	2	2028
Task Order - Product Improvement FY29	2	2029	2	2029
Task Order - Product Improvement FY30	2	2030	2	2030
Test and Evaluation - Product Improvements	3	2022	4	2030

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S58 / *Soldier Enhancement Program*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
S58: *Soldier Enhancement Program*	-	4.718	10.077	9.844	-	9.844	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Soldier Enhancement Program (SEP) was established by the National Defense Authorization Act in Fiscal Year 1990 to provide a rapid approach to evaluate Commercial off-the-shelf (COTS), Government off-the shelf (GOTS), or Non-Developmental Items (NDI) capabilities to increase the combat effectiveness of the Soldier. SEP now uses a "buy, try and decide" methodology. SEP provides significant savings and acceleration in the evaluation of leading-edge Soldier capabilities in order to provide combat overmatch. The SEP tri-chair leadership consists of the Director, Maneuver Capabilities Development and Integration Directorate (MCDID), the Infantry Commandant, and Program Executive Officer (PEO) Soldier. Proposals are submitted by Soldiers and industry at any time, are reviewed monthly and new projects are approved semi-annually by the SEP Council of Colonels (CoC). Approved proposals are validated by the Director, MCDID. Validated SEP initiatives are procured and then evaluated by Soldiers for feasibility and suitability. Based on the evaluation findings, the SEP CoC provides one or more of the following courses of action: (1) inform deliberate or urgent/emerging requirements generation, (2) initiate a new Program of Record (POR) or improve an existing POR, (3) provide a national stock number (NSN) for unit procurement or (4) the item did not meet objectives and no further action is necessary. The funding supports SEP evaluation preparation, conducting evaluations, and documenting results. Funding for this project aligns with the Army's priorities in support of the National Defense Strategy and is a priority of the Army Futures Command (AFC).

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Evaluate COTS/GOTS/NDI equipment that have the potential to enhance Soldier combat effectiveness.	4.539	-	-	-	-
Description: The Soldier Enhancement Program (SEP) was established by the National Defense Authorization Act in Fiscal Year 1990 to provide a rapid approach to evaluate Commercial off-the-shelf (COTS), Government off-the shelf (GOTS), or Non-Developmental Items (NDI) capabilities to increase the combat effectiveness of the Soldier. SEP now uses a "buy, try and decide" methodology. SEP provides significant savings and acceleration in the evaluation of leading-edge Soldier capabilities in order to provide combat overmatch. The SEP tri-chair leadership consists of the Director, Maneuver Capabilities Development and Integration Directorate (MCDID), the Infantry Commandant, and Program Executive Officer (PEO) Soldier. Proposals are submitted by Soldiers and industry at any time, are reviewed monthly and new projects are approved semi-annually by the SEP Council of Colonels (CoC). Approved proposals are validated by the Director, MCDID. Validated SEP initiatives are procured and then evaluated by Soldiers for feasibility and suitability. Based on the evaluation findings, the SEP CoC provides one or more of the following courses of action: (1) inform deliberate or urgent/emerging requirements generation, (2) initiate a new Program of Record (POR) or improve an existing POR, (3) provide a national stock number (NSN) for unit procurement or (4) the item did not meet objectives and no further action is					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S58 / *Soldier Enhancement Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
necessary. The funding supports SEP evaluation preparation, conducting evaluations, and documenting results. Funding for this project aligns with the Army's priorities in support of the National Defense Strategy and is a priority of the Army Futures Command (AFC).					
Title: Program oversight ***FY 2025 Plans:*** Fund travel and purchases required to perform oversight functions. ***FY 2026 Base Plans:*** Fund travel and purchases required to perform oversight functions. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to Program oversight being combined with SEP evaluations. This category is no longer required.	-	0.383	0.420	-	0.420
Title: SEP Evaluations ***Description:*** The Soldier Enhancement Program (SEP) was established by the National Defense Authorization Act for Fiscal Years 1990 and informs Army requirements generation and capitalizes on industry capabilities to support current and future force modernization. SEP provides a rapid approach to evaluate Commercial off-the-shelf (COTS), Government off-the shelf (GOTS), or Non-Developmental Items (NDI) capabilities to increase Soldier combat effectiveness. Using a "buy, try and decide" methodology, SEP provides significant savings and accelerates the evaluation of leading-edge Soldier capabilities to provide combat overmatch. Proposals are submitted by Soldiers, commanders, commercial industry and others at any time, are reviewed quarterly and new starts are approved semi-annually by the SEP Council of Colonels (CoC). Approved proposals are validated by the Director, Maneuver Capability Development and Integration Directorate (MCDID), the Infantry Commandant, and Program Executive Office (PEO) Soldier. Validated SEP initiatives are procured and evaluated by Soldiers for feasibility and suitability. The funding supports SEP evaluation preparation, execution, and results documentation. Funding for this project aligns with the Army's priorities in support of the National Defense Strategy and is an Army Futures Command (AFC)priority. ***FY 2025 Plans:*** Conduct product assessments, acquire safety confirmations, and perform evaluations of COTS/GOTS/NDI capabilities to support the Army's Modernization Strategy to enhance and improve Soldier combat effectiveness. ***FY 2026 Base Plans:***	-	4.594	9.424	-	9.424

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S58 / *Soldier Enhancement Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Conduct product assessments, acquire safety confirmations, and perform evaluations of COTS/GOTS/NDI capabilities to support the Army's Modernization Strategy to enhance and improve Soldier combat effectiveness. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to product assessments, safety confirmations, and evaluations of COTS/ GOTS/NDI capabilities to support the Army's Modernization Strategy to enhance and improve Soldier combat effectiveness. In addition, Program oversight is combined with SEP evaluations.					
Title: SBIR/STTR Transfer ***Description:*** Funding transferred in accordance with Title 15 USC §638.	0.179	-	-	-	-
Accomplishments/Planned Programs Subtotals	4.718	4.977	9.844	-	9.844

	FY 2024	FY 2025
Congressional Add: Soldier enhancement program ***FY 2025 Plans:*** Execute Tri-Chair Approved SEP Evaluations	-	5.100
Congressional Adds Subtotals	-	5.100

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

Other

D. Acquisition Strategy

SEP focuses on COTS/GOTS/NDI initiatives submitted by Soldiers and industry. SEP proposals are reviewed monthly and approved semi-annually. The funding supports procuring SEP COTS/GOTS/NDI items in quantities sufficient for Soldier evaluation, conducting product evaluations which includes safety testing, data collection, analysis of Soldier feedback/results and documenting results. Product Managers responsible for the portfolio in which the SEP initiative falls into develops the procurement and evaluation strategy and procures the items using a variety of means from Government purchase card to full contracts. Soldier's evaluations are performed by various means from Battle Lab surveys to full scale Army Test and Evaluation testing depending on the item.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S58 / *Soldier Enhancement Program*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Various	MIPR	PEO SOLDIER : Ft. Belvoir, VA	15.376	0.373	Aug 2024	0.383	Aug 2024	0.420		-		0.420	0.000	16.552	-
SBIR/STTR Transfer	TBD	TBD : TBD	-	0.179		-		-		-		-	0.000	0.179	-
		Subtotal	15.376	0.552		0.383		0.420		-		0.420	0.000	16.731	N/A

Remarks

Systems Engineering and Program Management includes engineering support, conducting technical evaluations, market research and program reviews.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SEP Evaluations	MIPR	Various : Various	71.059	4.166	May 2024	9.694	May 2024	9.424		-		9.424	0.000	94.343	-
		Subtotal	71.059	4.166		9.694		9.424		-		9.424	0.000	94.343	N/A

Remarks

Testing costs vary annually depending on number and type of items being evaluated.

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	86.435	4.718		10.077		9.844		-		9.844	0.000	111.074	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S58 / *Soldier Enhancement Program*

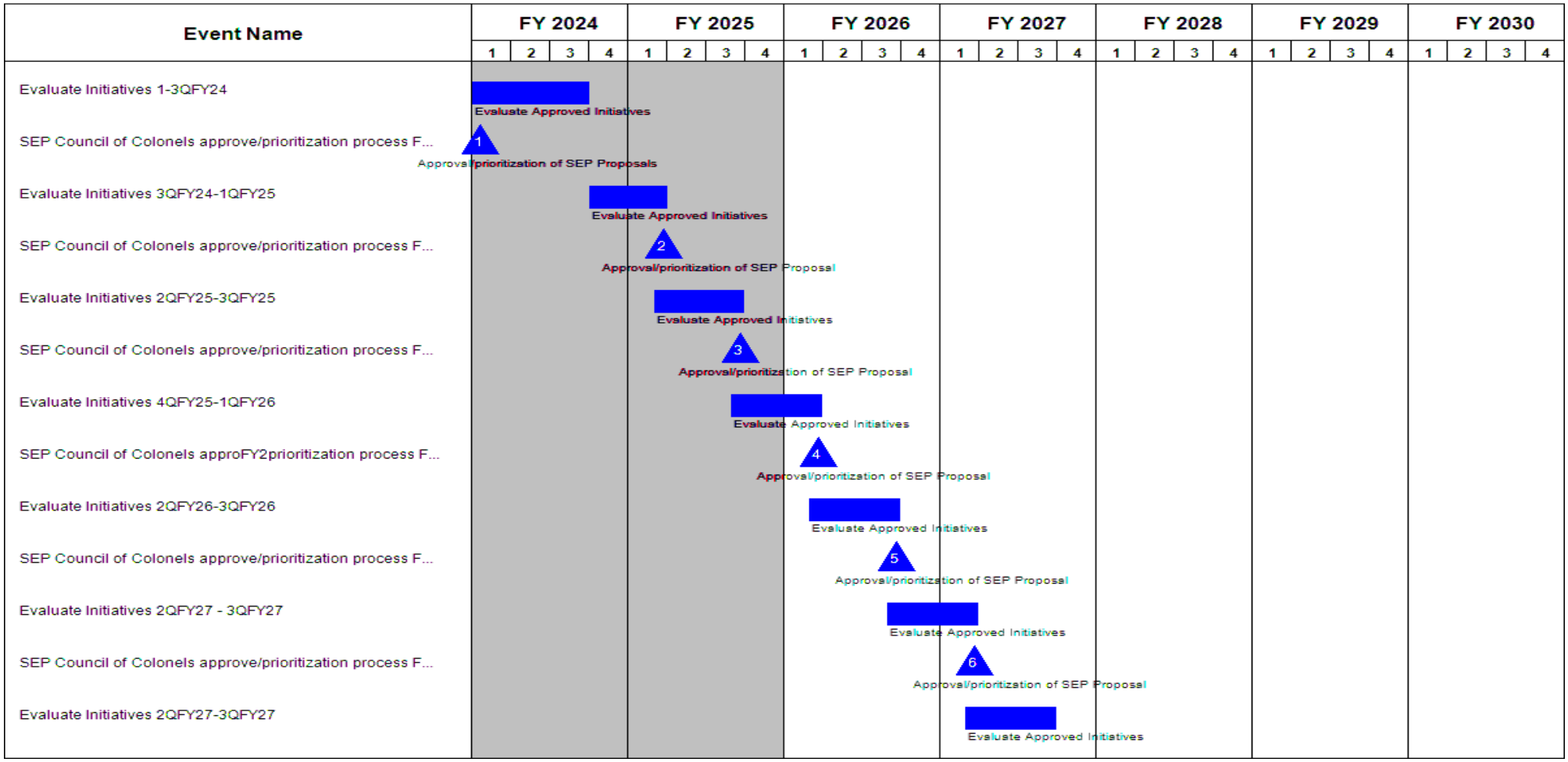


Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S58 / *Soldier Enhancement Program*

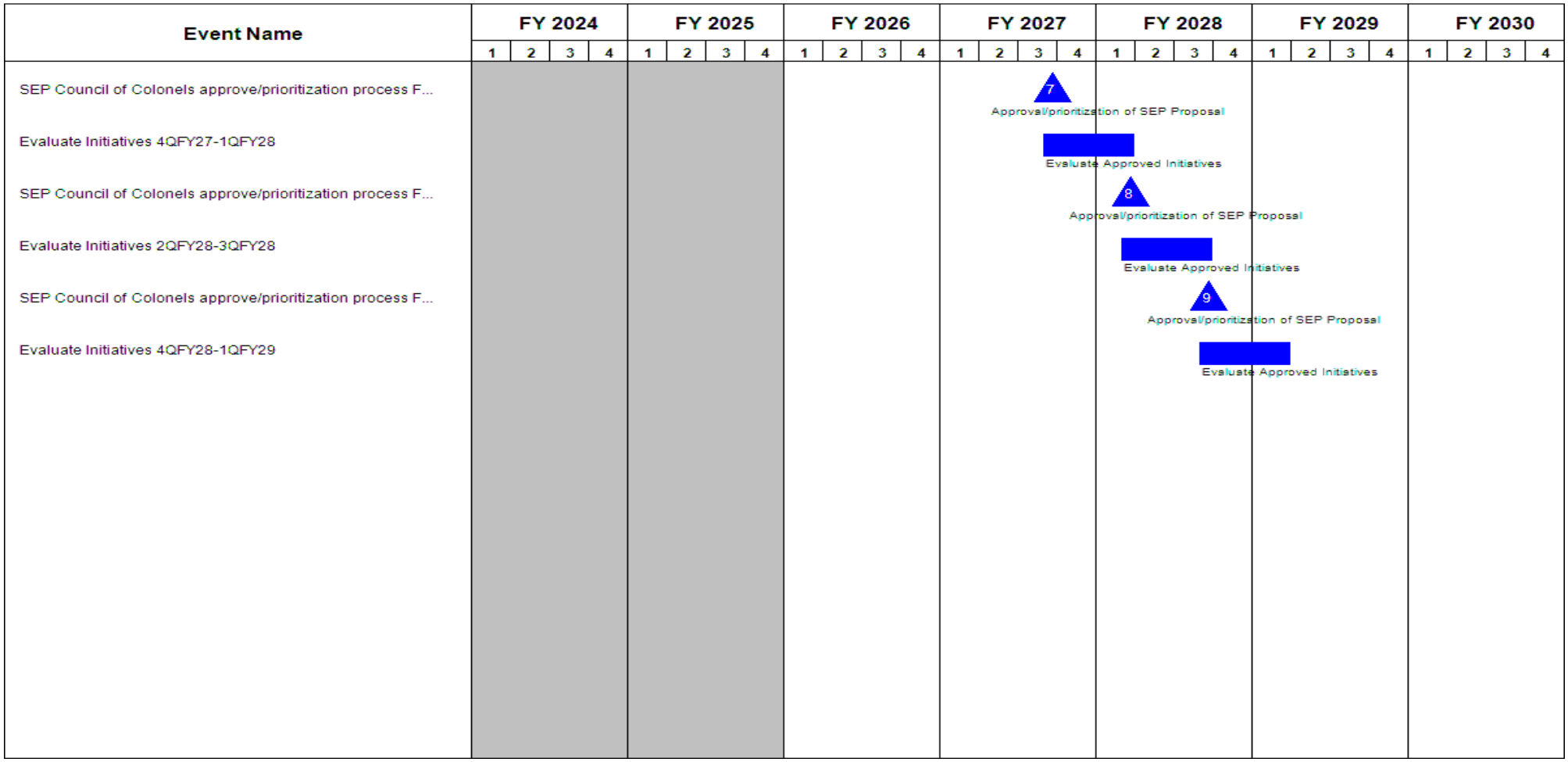


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S58 / *Soldier Enhancement Program*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
SEP Council of Colonels approve/prioritization process FY23.2	3	2023	3	2023
Evaluate Initiatives 1-3QFY24	1	2024	3	2024
SEP Council of Colonels approve/prioritization process FY24.1	1	2024	1	2024
Evaluate Initiatives 3QFY24-1QFY25	4	2024	1	2025
SEP Council of Colonels approve/prioritization process FY25.1	1	2025	1	2025
Evaluate Initiatives 2QFY25-3QFY25	1	2025	3	2025
SEP Council of Colonels approve/prioritization process FY25.2	3	2025	3	2025
Evaluate Initiatives 4QFY25-1QFY26	3	2025	1	2026
SEP Council of Colonels approFY2prioritization process FY26.1	1	2026	1	2026
Evaluate Initiatives 2QFY26-3QFY26	1	2026	3	2026
SEP Council of Colonels approve/prioritization process FY26.2	3	2026	3	2026
Evaluate Initiatives 2QFY27 - 3QFY27	3	2026	1	2027
SEP Council of Colonels approve/prioritization process FY27.1	1	2027	1	2027
Evaluate Initiatives 2QFY27-3QFY27	1	2027	3	2027
SEP Council of Colonels approve/prioritization process FY27.2	3	2027	3	2027
Evaluate Initiatives 4QFY27-1QFY28	3	2027	1	2028
SEP Council of Colonels approve/prioritization process FY28.1	1	2028	1	2028
Evaluate Initiatives 2QFY28-3QFY28	1	2028	3	2028
SEP Council of Colonels approve/prioritization process FY28.2	3	2028	3	2028
Evaluate Initiatives 4QFY28-1QFY29	3	2028	1	2029

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S60 / *Clothing & Equipment*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
S60: *Clothing & Equipment*	-	3.902	6.218	7.836	-	7.836	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding in this effort supports Army Modernization Priorities. It supports engineering and manufacturing development tasks related to clothing and individual equipment with the goal of enhancing the lethality, survivability, and mobility as well as the quality of life of the Warfighter. It funds formal Developmental Testing/Operational Testing (DT/OT) of preproduction and prototypes leveraging technological advancements. Those advancements focus on materials, fabrication techniques, moisture management, flame resistance, vector protection, extreme environmental protection, and camouflage. This effort also funds evaluations of Organizational Clothing and Individual Equipment (OCIE) appropriate for use in extreme or multi-climate environments. Funding supports test and evaluation of both tactical and non-tactical clothing and individual equipment development and enhancement resulting in the integrated systems for the Airborne, Arctic, Arid, Jungle, and Temperate Soldier. This effort will further develop capabilities transitioning from Project S53 to increase performance and safety of Warfighter clothing and equipment. PdM SCIE will continue to support multi-service commonality and modernization initiatives through technology that enables combat operations and enhances lethality.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Soldier Uniforms and Clothing	1.623	4.062	4.472	-	4.472
Description: Evaluate superior, integrated, and sustainable clothing and footwear for the Soldier in an evolving global security environment. ***FY 2025 Plans:*** Conduct ensemble level evaluations of novel materials providing moisture management, flame resistance, reduction in signature, antimicrobial treatments for fabrics in clothing, footwear, and equipment in all climate zones. Perform technical testing, user evaluations, and qualify new fabrics with vector protection and flame resistance protection for combat clothing. Supports opportunities for commonality in OCIE across all Services (Army, Navy, Air Force, Marines, Space Force and Coast Guard) and further supports the domestic Clothing and Textile Industrial Base. Continued development of Improved Combat Vehicle Crewman Uniform to include female and male variant patterns. Continue Clothing Bag Upgrades and Evaluations as directed by the Army Uniform Board. Procure test assets and perform DT/OT on garments produced with improved thermal camouflage capability. ***FY 2026 Base Plans:*** Conduct ensemble level evaluations of novel materials providing moisture management, flame resistance, reduction in signature, and antimicrobial treatments for fabrics in clothing and footwear in all climate zones with a focus on arctic and jungle environments. Supports opportunities for commonality and modernization in OCIE					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S60 / *Clothing & Equipment*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
across all Services (Army, Navy, Air Force, Marines, Space Force and Coast Guard) and further supports the domestic Clothing and Textile Industrial Base. Continue Clothing Bag upgrades and evaluations as directed by the Army Uniform Board. Procure test assets and perform DT/OT (developmental/operational test) on integrated clothing system for operations to include fuel handling, maneuver and survival in cold to extreme cold environments to meet arctic requirements. Conduct Limited User Evaluation of integrated ensembles designed to mitigate Soldier thermal signature in multiple environments. Funding supports testing of materials and final products to assess the effects of eliminating PFAS chemicals. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase supports accelerated development of thermal signature camouflaging capability in all environments.					
Title: Individual Equipment ***Description:*** Evaluate superior, integrated, and sustainable individual equipment for the Soldier in an evolving global security environment. ***FY 2025 Plans:*** Procure test assets and perform Developmental Tests/Operational Tests (DT/OT) as required for Water Treatment Devices. Continue to develop the Welding Individual Protection System (WIPS) ensemble to provide welders with Occupational Safety Health Act (OSHA) compliant Personal Protective Equipment (PPE). Evaluate opportunities to mitigate signature threats across load carriage and individual equipment. Conduct Soldier testing of items appropriate for use in extreme or multi-climate environments focusing on arctic mobility equipment. ***FY 2026 Base Plans:*** Procure test assets and perform Developmental Tests/Operational Tests (DT/OT) for Water Treatment Devices. Test equipment appropriate for use in extreme or multi-climate environments. Incorporate design changes to load carriage equipment based on Soldier feedback. Develop load carriage equipment for evolving individual weapons systems. Evaluate modifications to individual carrier for heavy equipment. Supports opportunities for commonality and modernization in OCIE across all Services (Army, Navy, Air Force, Marines, Space Force and Coast Guard). Funding supports testing of materials and final products to assess the effects of eliminating PFAS chemicals. ***FY 2025 to FY 2026 Increase/Decrease Statement:***	1.679	2.156	3.364	-	3.364

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S60 / *Clothing & Equipment*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2026 funding increase supports development of mobility equipment across austere environments and integrates improved load carriage materials.					
Accomplishments/Planned Programs Subtotals	3.302	6.218	7.836	-	7.836

	FY 2024	FY 2025
Congressional Add: Arctic Mobility Dismounted Domestic Boot	0.600	-
FY 2024 Accomplishments: The goal of this effort is to produce domestic prototype Extreme Cold Weather Boots that improve integration with over the snow mobility equipment.		
Congressional Adds Subtotals	0.600	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• S53: *Clothing And Equipment*	4.528	5.959	7.849	-	7.849	-	-	-	-	-	-
• OMA - CFF OMA 121018: *SCIE OMA 121018*	-	-	-	-	-	-	-	-	-		

Remarks

D. Acquisition Strategy

Acquisition strategies for these programs vary in methods, and range from: 1) Materiel Change Proposals that result in engineering changes to existing systems to; 2) Traditional development programs that include an Engineering and Manufacturing Development phase ranging in duration from 12 to 48 months, depending on the level of complexity and testing required.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S60 / *Clothing & Equipment*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	Allot	PM SCIE : Ft Belvoir	14.050	0.357		0.638		0.815		-		0.815	Continuing	Continuing	Continuing
		Subtotal	14.050	0.357		0.638		0.815		-		0.815	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering and Development Support	Various	DEVCOM : Natick, MA	19.392	0.576		1.236		1.808		-		1.808	Continuing	Continuing	Continuing
Development Contracts	Various	Various : Various	59.916	0.971		-		-		-		-	0.000	60.887	-
		Subtotal	79.308	1.547		1.236		1.808		-		1.808	Continuing	Continuing	N/A

Remarks

Previously annotated Development contracts (FY23 and FY24) are being placed in Engineering and Development Support cost element to align with DoD 7000.14-R, Volume 2B, Chapter 5.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical Support	Various	DEVCOM : Natick, MA	21.283	0.867		1.162		1.668		-		1.668	Continuing	Continuing	Continuing
		Subtotal	21.283	0.867		1.162		1.668		-		1.668	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Test & Evaluation (OT&E)	MIPR	Various : Various	38.160	1.131		3.182		3.545		-		3.545	Continuing	Continuing	Continuing
		Subtotal	38.160	1.131		3.182		3.545		-		3.545	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S60 / *Clothing & Equipment*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	152.801	3.902		6.218		7.836		-		7.836	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S60 / *Clothing & Equipment*

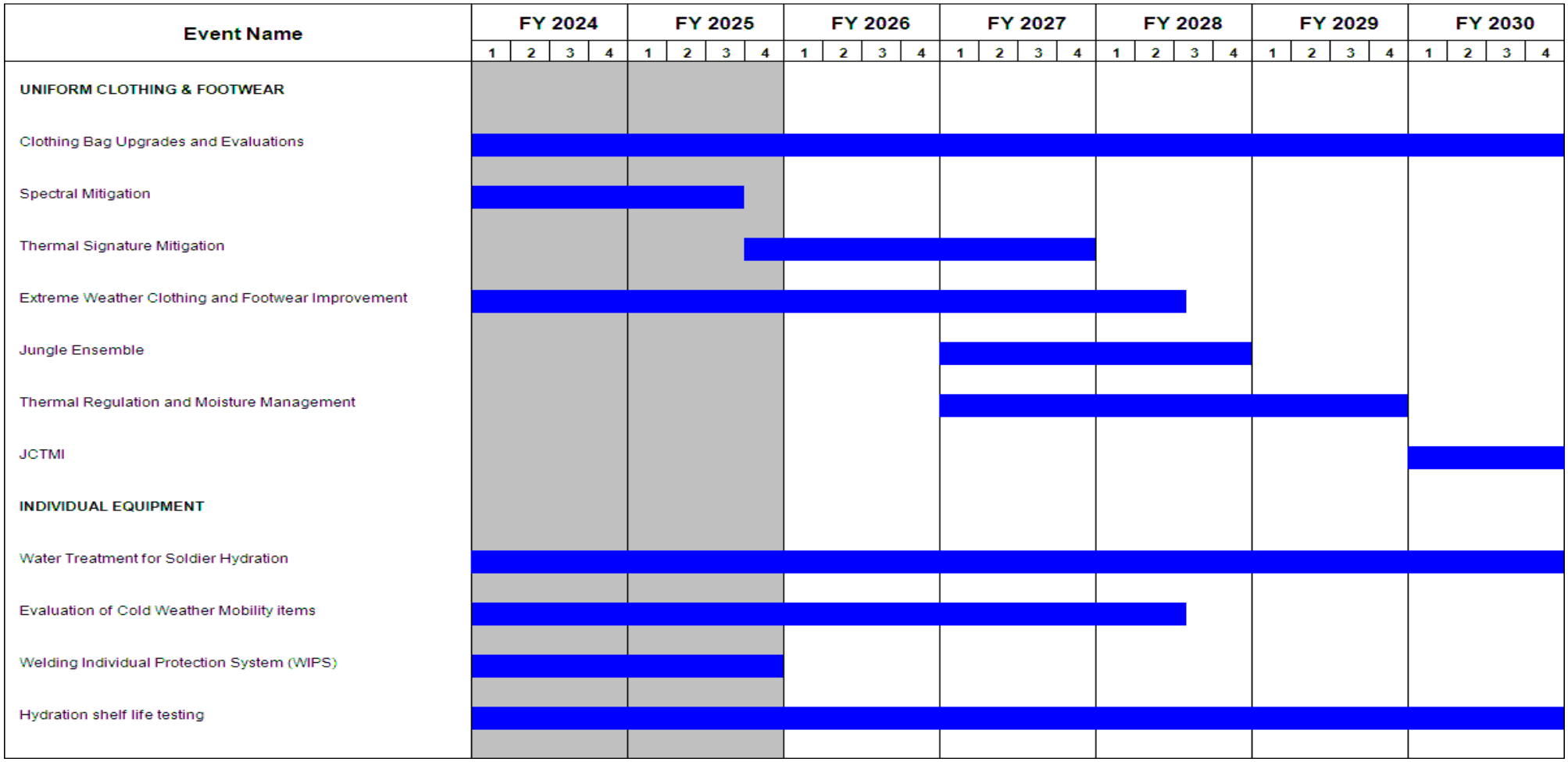


Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S60 / *Clothing & Equipment*

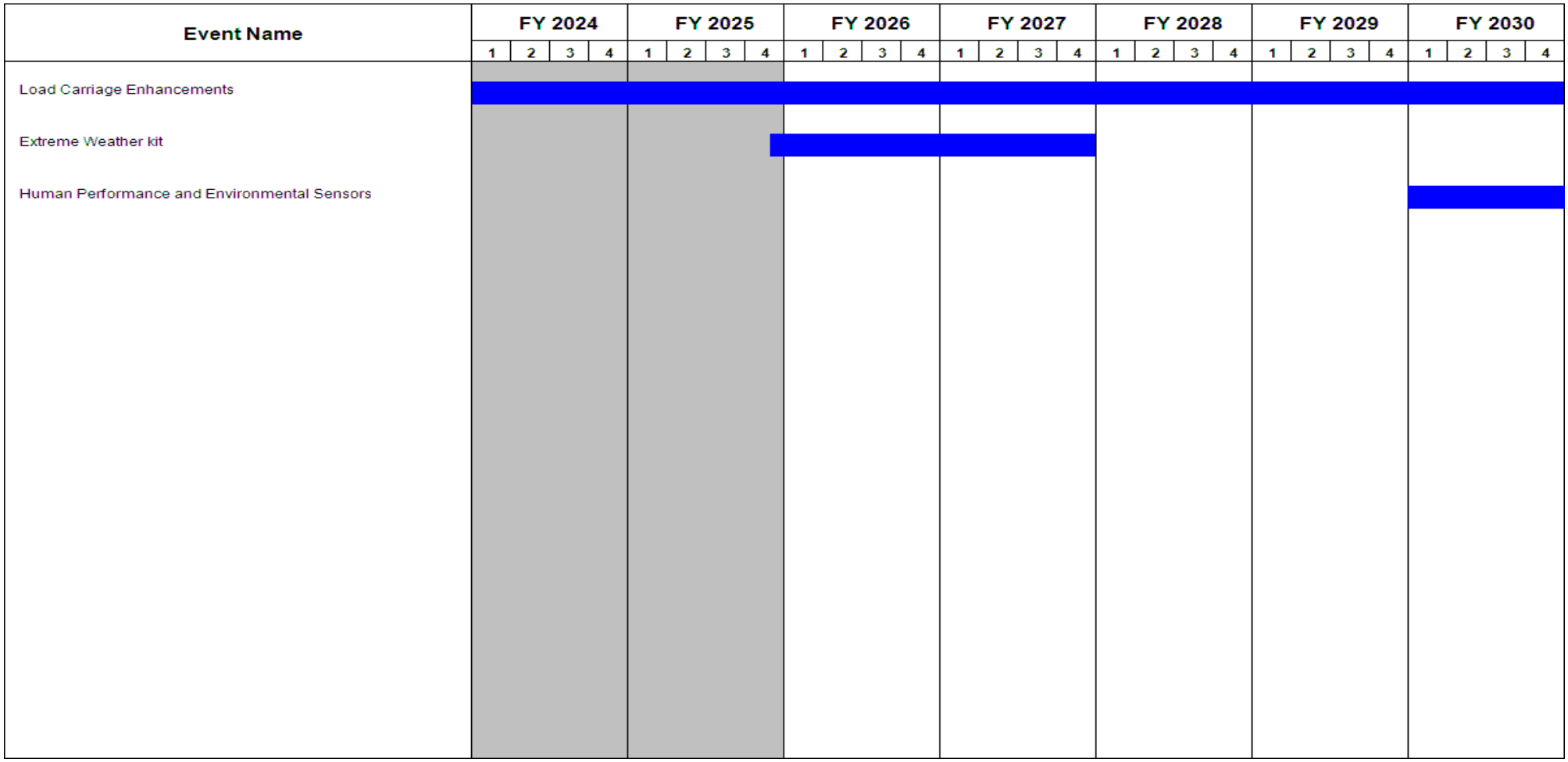


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S60 / *Clothing & Equipment*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
UNIFORM CLOTHING & FOOTWEAR	1	2011	4	2030
Clothing Bag Upgrades and Evaluations	1	2013	4	2030
Spectral Mitigation	1	2020	3	2025
Thermal Signature Mitigation	4	2025	4	2027
Extreme Weather Clothing and Footwear Improvement	1	2023	3	2028
Jungle Ensemble	1	2027	4	2028
Thermal Regulation and Moisture Management	1	2027	4	2029
JCTMI	1	2030	4	2031
INDIVIDUAL EQUIPMENT	2	2008	4	2030
Water Treatment for Soldier Hydration	2	2021	4	2030
Evaluation of Cold Weather Mobility items	1	2024	3	2028
Welding Individual Protection System (WIPS)	1	2022	4	2025
Hydration shelf life testing	1	2023	4	2030
Load Carriage Enhancements	1	2019	4	2030
Extreme Weather kit	4	2025	4	2027
Human Performance and Environmental Sensors	1	2030	4	2034

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S61 / *Acis Engineering Development*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
S61: *Acis Engineering Development*	-	3.590	3.025	3.443	-	3.443	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project conducts development, integration, qualification, and upgrade activities in support of the Air Soldier System (Air SS) and Aviation operational needs as codified in the Air SS requirements document, which provides aviators with improved sustainability, safety, and lethality. The Air SS addresses capability gaps identified in combat operations, as well as emerging challenges, such as Transformation in Contact (Tic) and Next Generation Command and Control (NGC2), to Army aircrew safety and performance caused by limited Situational Awareness (SA), lack of protection from emerging threats, and a lack of functionally integrated mission electronics and protective/ survival equipment.

Air SS delivers enhanced aircrew survivability, Situational Awareness (SA), interoperability, and improved mission performance. The Air SS offers enhanced mission planning and execution through the introduction of upgraded hardware and software components, enabling improved connectivity among aircrew members, other aircraft, and ground assets. Capabilities further enhance terrain mapping, threat, and obstacle avoidance information through improved Heads-Up Display (HUD) technologies, which also align with platform needs such as the Future Long Range Assault Aircraft (FLRAA), Black Hawk, Chinook, and Apache.

Additionally, Air SS includes a digital replacement for paper-based DoD Flight Information Publications and the Aircrew Combat Equipment (ACE), a replacement for the legacy survival vest. These enhanced capabilities support both the enduring fleet and future fleet.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Air Soldier System	3.590	3.025	3.443	-	3.443
Description: This project conducts development, integration, and qualification activities in support of the Air SS program. The Air SS addresses capability gaps identified during previous combat operations. It includes impacts on safety resulting from excessive pilot workload and limited aircrew Situational Awareness (SA), as well as inadequate aircrew protection from environmental extremes, hostile threats, and induced threats resulting from aircraft mishaps or crashes. ***FY 2025 Plans:*** The Program will continue to focus on supporting Army aircrew hardware and software changes, as well as the integration and testing of Nett Warrior - Aviation (NW-A) requirements. Continue support for the execution of Preplanned Product Improvement (P3I) capability demonstrations in conjunction with upcoming Soldier Touch Points and key Army demonstration and experimentation events focused on Air SS capabilities intended to					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S61 / *Acis Engineering Development*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
enhance AGO in support of Large-Scale Combat Operations initiatives. Begin integrating Air SS products into aviation platforms, such as the Future Long Range Assault Aircraft (FLRAA). ***FY 2026 Base Plans:*** The Program will continue to integrate NW-A system capabilities to meet Common Operating Environment Capability Drop requirements, Transformation in Contact (TiC), and Next Generation Command and Control (NGC2) requirements. Develop hardware and software to meet Army Aviation Modular Open System Architecture, ensuring the interoperability of systems on aviation platforms. Continue Preplanned Product Improvement (P3I) efforts to existing Air Soldier products to provide additional Situational Awareness (SA) and lethality to Soldiers. Capability enhancements to Soldiers, including improvements in flight gear to support female aviators, MEDEVAC hoist operations, and long-duration high-altitude missions. Begin integration of Air SS to support future fleet operations. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to the integration of Air SS products to address emerging threats and ensure interoperability of systems on the aviation platforms.					
Accomplishments/Planned Programs Subtotals	3.590	3.025	3.443	-	3.443

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• AZ3110: *Aircrew Integrated Systems*	22.097	14.478	10.489	4.497	14.986	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Air SS Milestone C was approved in April 2019 for initial capabilities, including aircraft-mounted hardware and helmet-worn displays that provide integrated helmet capabilities and increased aircrew Situational Awareness (SA). Additionally, Protective and Survival Soldier Kit items were approved to reduce equipment weight and bulk, thereby improving aircrew mission effectiveness and survivability. Air SS capabilities are being phased into procurement over time. Efforts for the Air SS program included the development, integration, testing, and airworthiness qualification of aviator flight display symbology technologies, as well as hardware and software changes to NW-A Air SS requirements and the integration of Air SS products into multiple platforms. Air SS requirements include improvements to the current flight helmet; improvements to the survival gear carriage system; lightweight body armor; environmental protective clothing and personal survival equipment; enhanced mission planning and execution capability allowing for improved connectivity between aircrew members, other aircraft, and ground assets and a day/night helmet-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S61 / *Acis Engineering Development*

mounted flight symbology display for Rotary Wing platform aviators. These efforts transition from Program/platform-specific hardware and software solutions to common, integrated air and ground solutions that align with Network and Future Vertical Lift (FVL) Cross-Functional Teams' (CFTs) modernization priorities.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S61 / *Acis Engineering Development*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Administration	Allot	Various Government : Huntsville, Alabama	4.607	0.181		0.144		0.124		-		0.124	Continuing	Continuing	Continuing
		Subtotal	4.607	0.181		0.144		0.124		-		0.124	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Air Warrior and Air Soldier System Development	C/CPFF	Various Government : Various Locations	69.934	2.682		2.301		2.635		-		2.635	Continuing	Continuing	Continuing
		Subtotal	69.934	2.682		2.301		2.635		-		2.635	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	RO	Various Government : Various Locations	4.676	0.582		0.464		0.537		-		0.537	Continuing	Continuing	Continuing
		Subtotal	4.676	0.582		0.464		0.537		-		0.537	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Testing	RO	Various Activities : Various Locations	20.814	0.145		0.116		0.147		-		0.147	Continuing	Continuing	Continuing
		Subtotal	20.814	0.145		0.116		0.147		-		0.147	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S61 / *Acis Engineering Development*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	100.031	3.590		3.025		3.443		-		3.443	Continuing	Continuing	N/A

Remarks

Funds for this project are allocated among several smaller development and qualification programs at various stages of technical maturity, intended to address capability gaps associated with deferred Air SS capabilities being implemented as Preplanned Product Improvement (P3I) to the baseline Air SS program. Efforts are primarily focused on transitioning technologies and products initially developed under Small Business Innovative Research (SBIR) programs, Technology Maturation Initiatives (TMI), and/or the identification and qualification of Commercial Off The Shelf Systems (COTS) capabilities that have the potential of satisfying remaining capability gaps as documented in the Air SS Capabilities Development Document (CDD).

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S61 / *Acis Engineering Development*

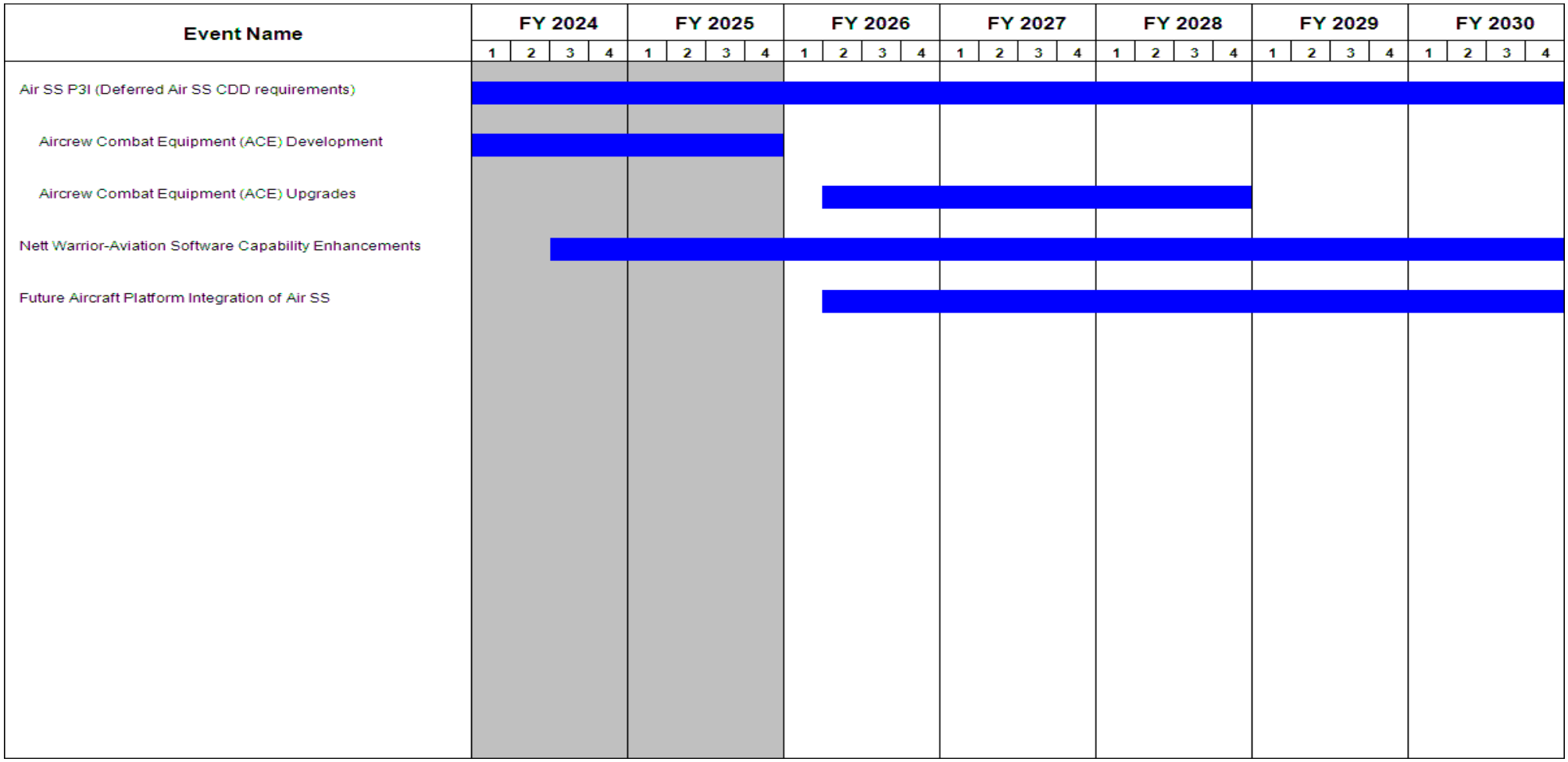


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S61 / *Acis Engineering Development*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Air SS P3I (Deferred Air SS CDD requirements)	1	2018	4	2030
Aircrew Combat Equipment (ACE) Development	1	2022	4	2025
Aircrew Combat Equipment (ACE) Upgrades	2	2026	4	2028
Nett Warrior-Aviation Software Capability Enhancements	3	2024	4	2030
Future Aircraft Platform Integration of Air SS	2	2026	4	2030

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S63 / *Individual Weapons Engineering Development*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
S63: *Individual Weapons Engineering Development*	-	3.419	3.430	1.481	-	1.481	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Individual Weapons Engineering Development program provides funds to transition components or prototypes from Budget Activity 4 (BA 4) Element (PE) 0603827A Soldier Systems - Advanced Development Project S54 Small Arms Improvement Program, and other domestic and foreign sources of small arms weapon systems, to demonstrate, test, and evaluate capability near or at planned operational requirements. The Maneuver Center of Excellence (MCoE) and Soldier Lethality Cross Functional Team (CFT) at Fort Moore, GA (User Community) identifies the Individual Weapons Engineering Development activities as critical to addressing or closing capability gaps for our Soldiers in combat. Small arms systems include weapons ranging up to 40 millimeter (mm) in caliber. Current and future efforts focus on system development, system improvements, and integration (to include human-systems) to enhance lethality, target acquisition and tracking, fire control, usability, training effectiveness, and reliability. System improvements include ammunition when developing and/or evaluating standard and non-standard weapons. In addition to training, system integration of ammunition includes the capability to defeat personnel in defilade, personnel in close quarters, and unmanned aerial systems. Benefits include continuous improvements to small arms weapon systems, fire control equipment, optics, gun barrels, ancillary equipment, training devices, component mounts, weapon mounts, and weapon/ammunition interfaces of current or new small arms weapon systems.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Design and Development	2.463	2.593	1.431	-	1.431
Description: Design and development of Individual Weapons					
FY 2025 Plans: New Weapons and Enabling Technology Evaluation and Assessment will continue to focus on weapon design and development utilizing current state-of-the-art technologies and integration for individual weapon systems across a spectrum of small arms from pistols through rifles and grenade launchers. Evaluations of weapons, advances combat optics, ammunition, and enabling technologies will focus on Soldier feedback, on-target effects, sustainability, reliability, and producibility.					
FY 2026 Base Plans: New Weapons and Enabling Technology Evaluation and Assessment will continue to focus on weapon design and development utilizing current state-of-the-art technologies and integration of those technologies for individual weapon systems across the spectrum of small arms from pistols through rifles and grenade launchers.					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S63 / *Individual Weapons Engineering Development*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Evaluations of weapons, advanced combat optics, ammunition, and enabling technologies will focus on Soldier feedback, on-target effects, sustainability, reliability, and producibility. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 decrease due to reallocation of some funding into S54 RDTE to execute efforts related to precision grenadier system.					
Title: Testing and Evaluation ***Description:*** Test and evaluation of Individual Weapons ***FY 2025 Plans:*** New Weapons and Enabling Technology Testing and Evaluation will continue to test and evaluate new technology that can lead to enhancements of current and legacy weapon systems or create new weapon systems, as well as advanced combat optics and improvement of small arms munitions. ***FY 2026 Base Plans:*** New weapons and enabling technology testing and evaluation will continue to test and evaluate new technology that can lead to enhancements of current and legacy weapon systems or create new weapon systems, as well as advanced combat optics and improvement of small arms munitions. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 decrease due to the testing of new weapons and enabling technology being in the final stages and reallocation of some funding to S54 for execution of efforts related to precision grenadier system.	0.956	0.837	0.050	-	0.050
Accomplishments/Planned Programs Subtotals	3.419	3.430	1.481	-	1.481

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• S54: *Small Arms Improvement*	22.762	7.971	21.044	-	21.044	-	-	-	-	-	-
• G13503: *M4A1 CARBINE*	8.571	8.003	-	-	-	-	-	-	-	-	-
• G01501: *XM320 Grenade Launcher Module (GLM)*	14.143	17.747	-	-	-	-	-	-	-	-	-
• G15325: *Handgun*	0.032	0.034	0.007	-	0.007	-	-	-	-	-	-
• GL3200: *Items Less Than $5.0m (WOCV-WTCV)*	5.020	1.031	0.469	-	0.469	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S63 / *Individual Weapons Engineering Development*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost

Remarks

In support of Small Arms Requirements, components or prototypes developed in BA 4 PE 0603827A Soldier Systems - Advanced Development Project S54 Small Arms Improvement Program is transitioned to BA 5 PE 0604601A Infantry Support Weapons Project S63 Individual Weapons Engineering Development to conduct engineering and manufacturing development. Once the component, prototype or operational prototype achieves Milestone C and type classification the item transitions to small arms weapon systems production or modification program.

D. Acquisition Strategy

Primary strategy is to award hardware development contracts/agreements, mature and finalize design efforts, test and evaluate system effectiveness, and complete type classification and material release activities. The culmination of efforts would lead to follow-on production contracts/agreements and fielding of critical capabilities to the Soldiers.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S63 / *Individual Weapons Engineering Development*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	Allot	PM Soldier Lethality, : Picatinny Arsenal	11.412	0.120	Mar 2024	0.050	Mar 2025	0.050	Mar 2026	-		0.050	Continuing	Continuing	Continuing
Travel	Allot	PM Soldier Lethality, : Picatinny Arsenal	1.607	0.010	Mar 2024	0.010	Mar 2025	0.010	Mar 2026	-		0.010	Continuing	Continuing	Continuing
		Subtotal	13.019	0.130		0.060		0.060		-		0.060	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Fabrication	Various	Various : Multiple Contractors	5.445	0.051	Mar 2024	0.408	Mar 2025	-		-		-	Continuing	Continuing	Continuing
Hardware Development	MIPR	DEVCOM AC, : Multiple	21.289	1.400	Mar 2024	1.200	Mar 2025	1.200	Mar 2026	-		1.200	Continuing	Continuing	Continuing
		Subtotal	26.734	1.451		1.608		1.200		-		1.200	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering	MIPR	DEVCOM AC, : Multiple	70.344	0.708	Mar 2024	0.710	Mar 2025	0.171	Mar 2026	-		0.171	Continuing	Continuing	Continuing
Logistics	MIPR	TACOM, : Warren	5.378	0.100	Mar 2024	0.100	Mar 2025	-		-		-	Continuing	Continuing	Continuing
Human Research and Engineering	MIPR	Army Research Laboratory, : Aberdeen Proving Ground	4.303	0.100	Mar 2024	0.100	Mar 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	80.025	0.908		0.910		0.171		-		0.171	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S63 / *Individual Weapons Engineering Development*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Testing	MIPR	Army Test and Evaluation Command : Aberdeen Proving Ground	28.874	0.750	Mar 2024	0.757	Mar 2025	0.050	Mar 2026	-		0.050	Continuing	Continuing	Continuing
Operational Testing	MIPR	Army Test and Evaluation Command, : Aberdeen Proving Ground	18.255	0.090	Mar 2024	-		-		-		-	Continuing	Continuing	Continuing
Validation Testing	MIPR	Army Test and Evaluation Centers, : Multiple	10.567	0.090	Mar 2024	0.095	Mar 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	57.696	0.930		0.852		0.050		-		0.050	Continuing	Continuing	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	177.474	3.419		3.430		1.481		-		1.481	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S63 / *Individual Weapons Engineering Development*

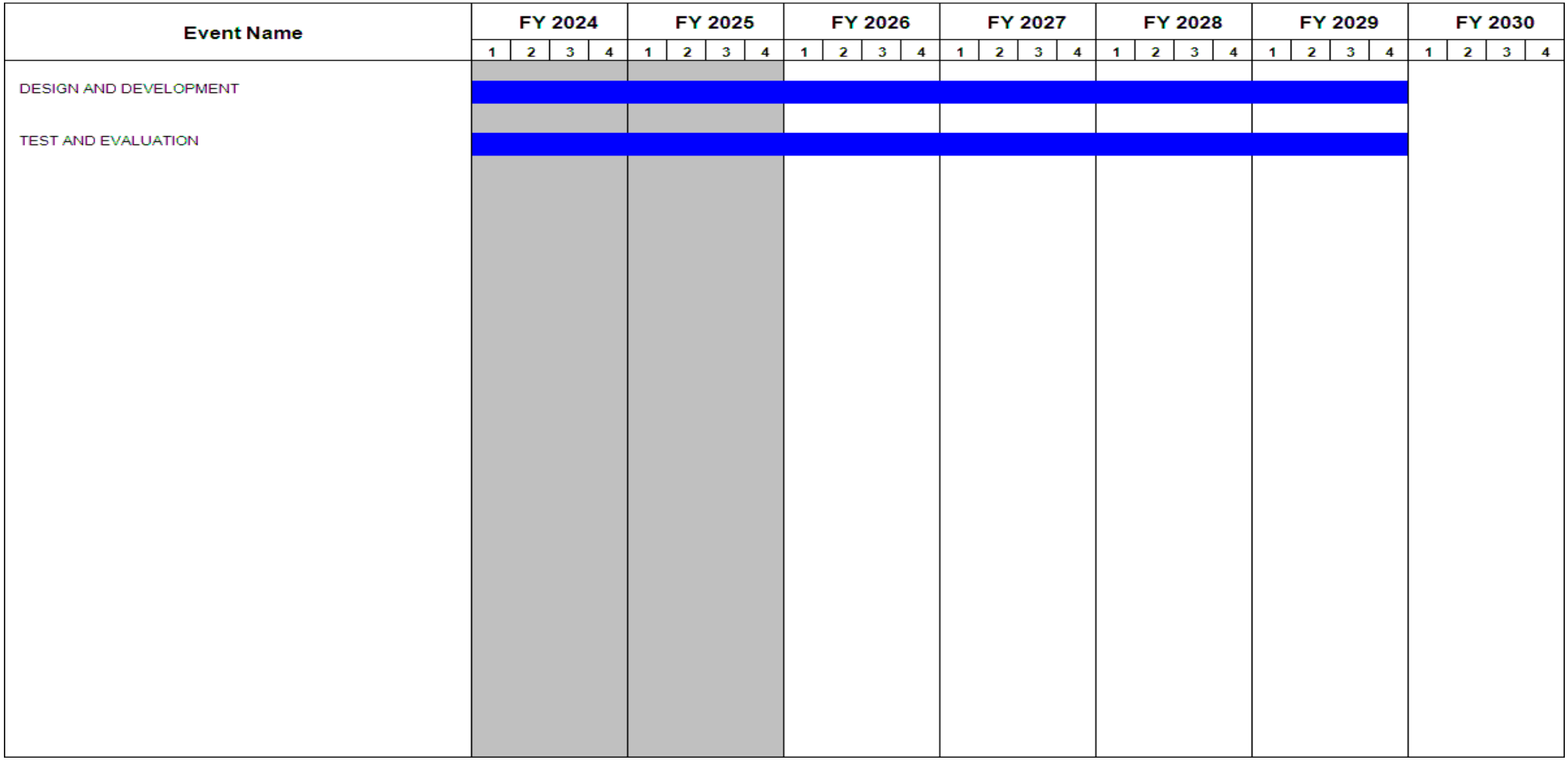


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S63 / *Individual Weapons Engineering Development*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
DESIGN AND DEVELOPMENT	1	2021	4	2029
TEST AND EVALUATION	1	2021	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S70 / *Personnel Recovery Support System (PRSS)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
S70: *Personnel Recovery Support System (PRSS)*	-	5.496	0.591	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Personnel Recovery Support System (PRSS) consists of components that include Personnel Recovery Devices (PRD) and other Personnel Recovery Support Equipment (PRSE) items that provide the capability to report and locate isolated Soldiers, forces and elements in a GPS denied environment. Funding supports system research, development, testing, and evaluation of next-generation PRSS/PRSE items to enhance capability and provide a secure waveform with Low Probability of Intercept (LPI)/Low Probability of Detection (LPD) while operating in increasingly contested environments utilizing secure signals of opportunity that meet Army qualifications. It ensures continued technology insertion within the relevant theaters of operations and the Continental United States (CONUS).

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Personnel Recovery Systems	2.496	0.591	-	-	-
Description: The Personnel Recovery Support System (PRSS) consists of items including Personnel Recovery Devices (PRD) and other Personnel Recovery Support Equipment (PRSE) items that provide the capability to report and locate isolated Soldiers, forces and elements. Funding supports system research, development, testing, and evaluation of next-generation PRSS/PRSE items to enhance capability and provide a secure waveform with Low Probability of Intercept (LPI)/Low Probability of Detection (LPD) while operating in increasingly contested environments utilizing secure signals of opportunity that meet Army qualifications. It ensures continued successful interoperability within the relevant theaters of operations and the Continental United States (CONUS). ***FY 2025 Plans:*** Continues minimal integration and testing of the secure and classified components and hardware directly supporting personnel recovery requirements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to a halt of development, test, and modifications for the PRD and PRSE items.					
Accomplishments/Planned Programs Subtotals	2.496	0.591	-	-	-

	FY 2024	FY 2025
Congressional Add: PRSS Secure Mode Congressional Add	3.000	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S70 / *Personnel Recovery Support System (PRSS)*

	FY 2024	FY 2025
FY 2024 Accomplishments: Develop a secure mode to the PRSS 1B PRD beacon that will support current and future personnel recovery operations through secure satellite connectivity.		
Congressional Adds Subtotals	3.000	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• G01101: *Personnel Recovery Support System (PRSS)*	5.356	6.503	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The acquisition strategy for the PRSS/PRSE program describes the acquisition approach to procure, field, and support PRSS capabilities that involve executing program development efforts through contracts with industry and reimbursable support agreements with other Government agencies, labs, and Federally Funded Research and Development Centers. The acquisition strategy is based upon leveraging an existing product that meets the additional capabilities required. This approach is preferred for cost and schedule efficiency and lower technical risk. Additionally, there will be a focus on continuing development and testing of new waveforms and hardware to ensure successful interoperability for personnel recovery. This will also help in mitigating potential security compromises to the PRSS/PRSE program, to enhance the detection, identification, and recovery of lost or captured Soldiers during contingency or combat operations, the future program strategy will involve adapting PRSS/PRSE products to align with changing doctrine and concepts of operations (CONOPS). This strategy will ensure that the program remains effective and relevant in evolving operational environments. The overall cost, schedule, and technical risks for the program are assessed as low.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S70 / *Personnel Recovery Support System (PRSS)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Adminstration	Allot	Various Government : Huntsville, Alabama	1.203	0.062		0.014		-		-		-	Continuing	Continuing	Continuing
		Subtotal	1.203	0.062		0.014		-		-		-	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Personnel Recovery System Development Systems Engineering	MIPR	Various Organizations : Various Locations	12.306	4.688		0.384		-		-		-	Continuing	Continuing	Continuing
		Subtotal	12.306	4.688		0.384		-		-		-	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	Various Organizations : Various Locations	2.483	0.071		0.016		-		-		-	Continuing	Continuing	Continuing
		Subtotal	2.483	0.071		0.016		-		-		-	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Testing/ Operational Testing	MIPR	Various Organizations : Various Locations	4.213	0.675		0.177		-		-		-	Continuing	Continuing	Continuing
		Subtotal	4.213	0.675		0.177		-		-		-	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) S70 / *Personnel Recovery Support System (PRSS)*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	20.205	5.496		0.591		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S70 / *Personnel Recovery Support System (PRSS)*

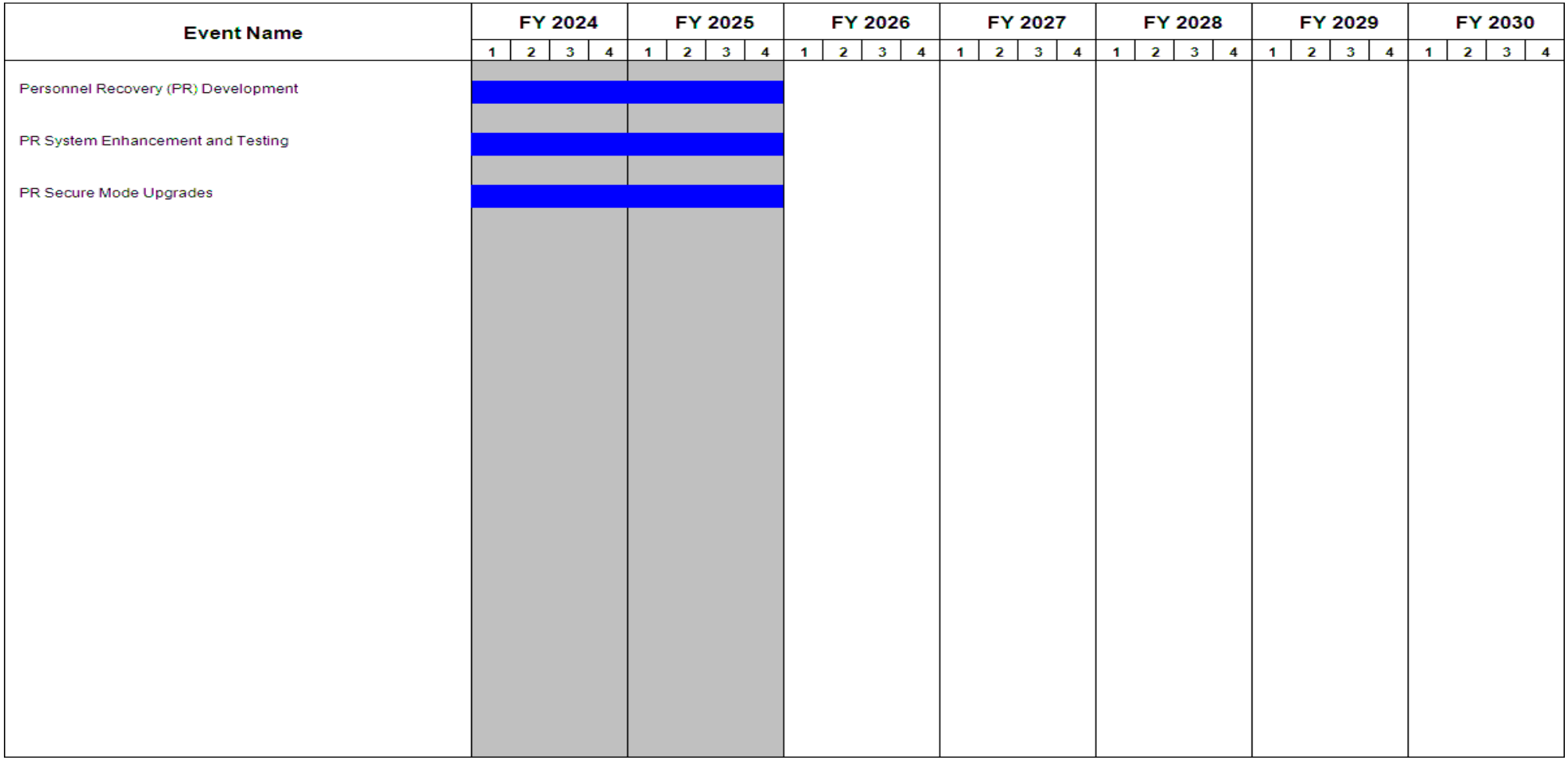


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** S70 / *Personnel Recovery Support System (PRSS)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Personnel Recovery (PR) Development	1	2022	4	2025
PR System Enhancement and Testing	3	2022	4	2025
PR Secure Mode Upgrades	3	2023	4	2025

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army											Date: June 2025	
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*				Project (Number/Name) VS5 / *Soldier Protective Equipment*			
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
VS5: *Soldier Protective Equipment*	-	7.853	8.510	7.153	-	7.153	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding in this project supports the Army Modernization priority. It supports Engineering and Manufacturing Development (EMD) to include design integration and manufacturing of production representative articles, formal developmental testing / operational testing (DT/OT), Soldier touchpoints, and continued development of SPS technologies transitioning from Project VS4. It leverages advancements in technology to continue improvements to the Army's Personal Protective Equipment (PPE) portfolio to include hard and soft body armor components such as Vital Torso Protection (VTP) and Torso and Extremity Protection (TEP), Next Generation (NG) IHPS, Military Protective Eyewear systems, hearing protection, and other personal protective equipment. This project will continue to support cross-service initiatives to increase commonality.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Soldier Protective Equipment	7.853	8.510	7.153	-	7.153
Description: Project VS5 (Soldier Protective Equipment) supports engineering and manufacturing development of Individual Soldier Ballistic Protection equipment. It will leverage advancements in technology to continue incremental improvements to Personal Protective Equipment (PPE). ***FY 2025 Plans:*** The VS5 project supports testing, integration, human factors evaluations, and continued development across the Personal Protective Equipment (PPE) portfolio. These items include hard and soft armor, head protection, eye protection, hearing protection, and other personal protective equipment. The project will fund test support, surveillance, and continuous improvements on Soft and Hard Body Armor and Head Protection capabilities that transition from the VS4 project such as Fragmentation Uniform Protective Materials, Test Method Optimization through Parallel Production Testing, Novel Defeat Mechanisms, Torso Plate Backing Evaluation, Improved Blunt Impact Protection, Integrated Head borne Systems, Anti-Fog for Integrated Eyewear Platform, and Lens Longevity efforts to determine efficacy in operational environment. This project continues efforts focused on test methods as well as measuring emerging threat performance on PPE after exposure to extreme conditions. This addresses and eliminates critical gaps to existing test methods, improves test performance and service life predictions which results in support to repurposing efforts. The					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** VS5 / *Soldier Protective Equipment*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
project will also continue improving test methodology for the Soldier Protection System (SPS), Next Generation Soldier Protection, human factor evaluations focusing on the female and small-statured Soldier, environmental and exposure testing (i.e., cold, tropical and jungle). ***FY 2026 Base Plans:*** The VS5 project supports testing, integration, human factors evaluations and continued development across the Personal Protective Equipment (PPE) portfolio. These items include hard and soft armor, head protection, hearing protection, eye protection, and other personal protective equipment. The project will fund test support, surveillance, and continuous improvements on Soft Body Armor, Hard Body Armor, Head Protection, and technologies that transition from the VS4 project. The project will focus on addressing capability gaps by improving test methodology related to blast overpressure, behind armor or behind helmet blunt trauma, hearing protection/situational awareness, signature management, environmental protection, and integration/fitment of end items. Funding will support the development of reliable and repeatable test measures and modeling to validate end item performance, inform critical tradeoff decisions, ensure optimal interoperability, enable product improvements throughout the lifecycle, and reduce Soldier risk of injury or death. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease is due to an anticipated reduction in Soldier Signature Management test requirements.					
Accomplishments/Planned Programs Subtotals	7.853	8.510	7.153	-	7.153

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• VS4: *Soldier Protective Equipment*	8.580	5.801	7.455	-	7.455	-	-	-	-	-	-
• OMA - 121 - 121017000: *Soldier Modernization - Soldier Protection Systems*	-	-	-	-	-	-	-	-	-		

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** VS5 / *Soldier Protective Equipment*

D. Acquisition Strategy

Acquisition strategies for this project vary in methods and range from: 1) Modification efforts that result in engineering changes to existing systems to; 2) Traditional development programs that include an Engineering and Manufacturing Development phase ranging in duration from 12 to 48 months, depending on the level of design complexity and testing required.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) VS5 / *Soldier Protective Equipment*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	Allot	Various SSV : Fort Belvoir, VA	4.131	0.639		0.830		0.710		-		0.710	Continuing	Continuing	Continuing
		Subtotal	4.131	0.639		0.830		0.710		-		0.710	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Prototype Contracts	Various	Various : Various	38.274	2.150		2.350		1.682		-		1.682	Continuing	Continuing	Continuing
Prod Sys Engineering Spt	MIPR	Various : Various	16.846	2.330		2.090		1.980		-		1.980	Continuing	Continuing	Continuing
		Subtotal	55.120	4.480		4.440		3.662		-		3.662	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Engineering Spt	MIPR	CCDC-SC : Natick, MA	8.259	0.635		0.698		0.642		-		0.642	Continuing	Continuing	Continuing
		Subtotal	8.259	0.635		0.698		0.642		-		0.642	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Environmental/HFE	MIPR	Various DTC & OTC : Various DTC & OTC	16.272	0.559		0.650		0.554		-		0.554	Continuing	Continuing	Continuing
Surveillance Testing - Base Threat/Emerging Threat	TBD	TBD : TBD	7.407	1.540		1.892		1.585		-		1.585	Continuing	Continuing	Continuing
		Subtotal	23.679	2.099		2.542		2.139		-		2.139	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604601A / *Infantry Support Weapons*	Project (Number/Name) VS5 / *Soldier Protective Equipment*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	91.189	7.853		8.510		7.153		-		7.153	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** VS5 / *Soldier Protective Equipment*

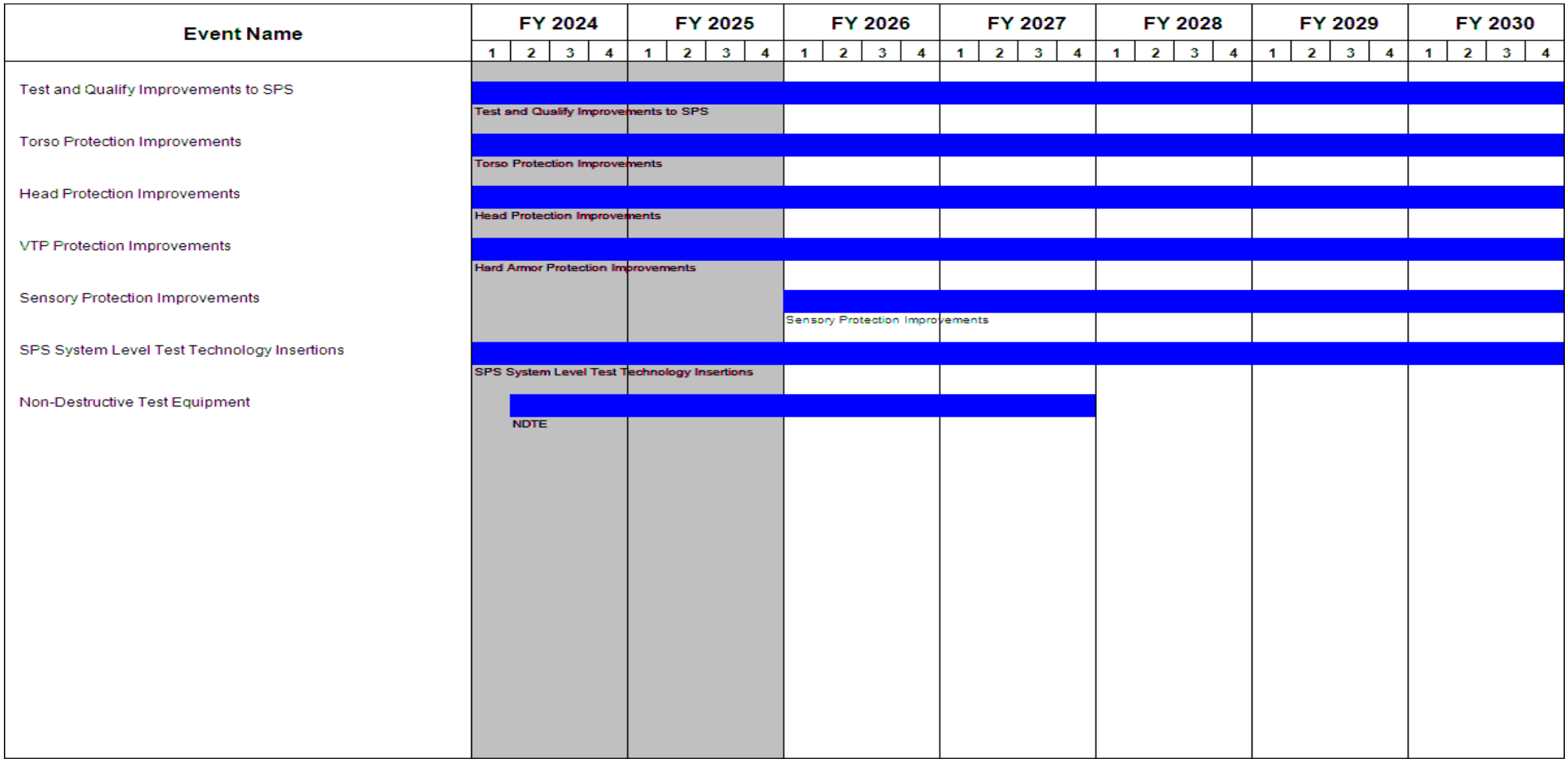


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604601A / *Infantry Support Weapons*	**Project (Number/Name)** VS5 / *Soldier Protective Equipment*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Test and Qualify Improvements to SPS	1	2022	4	2030
Torso Protection Improvements	1	2022	4	2030
Head Protection Improvements	1	2022	4	2030
VTP Protection Improvements	1	2022	4	2030
Sensory Protection Improvements	1	2026	4	2030
SPS System Level Test Technology Insertions	1	2022	4	2030
Non-Destructive Test Equipment	1	2023	4	2027

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604604A *I Medium Tactical Vehicles*

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
Total Program Element	-	17.561	3.565	18.503	-	18.503	-	-	-	-	-	-
H07: *Family Of Med Tac Veh*	-	17.561	3.565	18.503	-	18.503	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Program Element (PE) supports continued modernization of the Army's Family of Medium Tactical Wheeled Vehicle (FMTV) fleet: 4x4 and 6x6 Cargo, Tractor, Load Handling System (LHS), Wrecker, Expandable Van, Shop Van, and Dump Truck variants with payloads ranging from 2.5-tons to 10-tons and associated companion trailers. Modernization includes upgrades in survivability, safety, modularity, fuel efficiency, power generation, reliability, maintainability, mobility, autonomous operation, and other emerging technologies that enhance warfighter capability. The Family of Medium Tactical Wheeled Vehicles perform the majority of the Army's local haul, line haul, and unit resupply missions throughout theater as multi-purpose transportation vehicles in combat, combat support, and combat service support units. The FMTV also serves as a host platform for Long Range Precision Fires (LRPF), Air and Missile Defense (AMD), and Counter - Unmanned Aerial Systems (C-UAS) supporting Fire Control and Communication modules, Engagement Operation Centers (EOC), Electronic Control Systems (EOS), and other support areas for maintenance/ personnel.

This PE supports development and integration of export power capability for AMD units: PM THAAD (Terminal High Altitude Area Defense), Patriot Missile System, Sentinel Integrated Fire Protection Capability (IFPC), and Integrated Battle Command System (IBCS)/Integrated Fire Control Network (IFCN). Furthermore, this PE supports prototyping to enable soldier demonstration in Transformation in Contact units.

FY 2026 Project H07 Base funds in the amount of $3.503 million will be used for development and integration of Improved Vehicle Safety Technologies, including active safety technologies such as front collision warning, collision mitigation, lane keeping assist, adaptive cruise control, and 360-degree situational awareness.

FY 2026 Project H07 Base funds in the amount of $15.000 million will be used for development and integration of Vehicle Integrated Power Kits (VIPK) that provide exportable power generated by FMTV platforms to improve mobility and agility for rapid emplacement/displacement of dismount operations and fire support.

The FY 2026 request was reduced by $0.018 million for civilian personnel to optimize the workforce in compliance with Executive Order 14210, "Implementing the President's Department of Government Efficiency Workforce Optimization Initiative."

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army					Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*			R-1 Program Element (Number/Name) PE 0604604A / *Medium Tactical Vehicles*		
B. Program Change Summary ($ in Millions)	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**
Previous President's Budget	28.226	15.088	6.530	-	6.530
Current President's Budget	17.561	3.565	18.503	-	18.503
Total Adjustments	-10.665	-11.523	11.973	-	11.973
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-10.000	-11.523			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.665	-			
• Adjustments to Budget Years	-	-	11.973	-	11.973

Change Summary Explanation

The FY 2026 funding increase for THAAD Vehicle Integrated Power Kits (VIPK) development.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604604A / *Medium Tactical Vehicles*	Project (Number/Name) H07 / *Family Of Med Tac Veh*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
H07: *Family Of Med Tac Veh*	-	17.561	3.565	18.503	-	18.503	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The FMTVA2 Production and Engineering Change Proposal (ECP) modernization effort restores vehicle performance that was lost due to the addition of armor protection kits as the threat to tactical vehicles and the Family of Medium Tactical Vehicles (FMTV) has increased. The FMTVA2 also addresses Space, Weight, Power, and Cooling (SWaP-C) constraints from having to host an increasing amount of C4ISR and Counter-IED equipment. PD MTV is executing the FMTVA2 effort documented in a signed Acquisition Decision Memorandum by the AAE on 16 November 2015.

The FMTVA1P2 ended production in FY 2021 and represents the highest density FMTV model with over 40,000 vehicles fielded to date. The FMTVA1P2 will remain in the tactical vehicle fleet until 2040 and beyond. To ensure supportability of the FMTVA1P2 through FY 2040 and beyond, the PD MTV, as lifecycle managers for the system, shall address potential obsolescence issues with the powertrain and Material Handling Equipment used on the FMTV.

Increasing survivability and crew protection of the FMTVA1P2 comes at the expense of decreased vehicle mobility and performance in soft soil and winter environments. The FMTVA1P2 is being asked to carry more weight than what it was originally designed for. Low risk, highly commercial improvements to the FMTVA1P2 driveline, suspension, and tires can be made to minimize the loss in mobility performance.

FY 2026 Project H07 Base funds in the amount of $3.503 million will be used for development and integration of Improved Vehicle Safety Technologies, including active safety technologies such as front collision warning, collision mitigation, lane keeping assist, adaptive cruise control, and 360-degree situational awareness.

FY 2026 Project H07 Base funds in the amount of $15.000 million will be used for development and integration of Vehicle Integrated Power Kits (VIPK) that provide exportable power generated by FMTV platforms to improve mobility and agility for rapid emplacement/displacement of dismount operations and fire support.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: FMTVA2 Production and ECP Modernization Effort	0.500	3.565	3.503
Description: Funding used to support the continued evolution of the future FMTV fleet as well as tech insertion opportunities to keep the current FMTV fleet relevant on today's battlefield.The FMTVA2 production and ECP modernization effort restores vehicle performance that was lost due to the addition of armor protection kits as the threat to tactical vehicles and the FMTV has increased. Live Fire test assets are needed to support Live Fire Testing required per Chapter 139, Title 10 USC. Operational Testing required per Chapter 141, Title 10 USC.			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604604A / *Medium Tactical Vehicles*	**Project (Number/Name)** H07 / *Family Of Med Tac Veh*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Development of Improved Vehicle Safety Technologies for the FMTV A2 Fleet. ***FY 2026 Plans:*** Development of Improved Vehicle Safety Technologies for the FMTV A2 Fleet. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease is result of economic adjustments.			
Title: FMTV LVAD Next Generation Model ***Description:*** Updates to the FMTV Low Velocity Air Drop (LVAD) are needed to address obsolescence issues and to modernize the fleet.	2.061	-	-
Title: Climate Change Initiatives ***Description:*** Funding will be used to develop Demand Reduction Engineering Change Proposals for MTV and HTV Fleets including Anti-Idle, On-Board Vehicle Power, Advanced Hybrid Propulsion, and Fuel Sense 2.0. Funding will also be used to develop technologies associated with Demand Reduction/Hybridization including battery modernization, power and energy management, and increased capability at extreme temperatures. Due to Army Transformation Initiative (ATI) all actives will be suspended at the conclusion of FY25.	14.335	-	-
Title: SBIR/STTR Transfer ***Description:*** Funding transferred in accordance with Title 15 USC §638.	0.665	-	-
Title: Vehicle Integrate Power Kits ***Description:*** Vehicle Integrated Power Kits (VIPK) prototype development onto the FMTV A2. VIPK will provide exportable power generated by FMTV platforms to improve mobility and agility for rapid emplacement/displacement of dismount operations and fire support. ***FY 2026 Plans:*** Funding in the amount of 15.000 million will be used for development and the integration of Vehicle Integrated Power Kits (VIPK) that provide exportable power generated by FMTV platforms to improve mobility and agility for rapid emplacement/displacement of dismount operations and fire support. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** There was no FY 2025 funding for this element. FY 2026 funding increase for PM THAAD due to Army Transformational Initiatives.	-	-	15.000
Accomplishments/Planned Programs Subtotals	17.561	3.565	18.503

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604604A / *Medium Tactical Vehicles*	**Project (Number/Name)** H07 / *Family Of Med Tac Veh*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• D15500: *Family Of Medium Tactical Veh (FMTV)*	209.546	253.924	85.490	-	85.490	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The strategy to develop, integrate, and test Improved Vehicle Safety Technologies is to leverage active safety capabilities developed commercially and adapt for military use on the FMTV. The development and integration will be conducted either via STS Task Order with the vehicle OEM or an Other Transaction Authority (OTA) with industry.

Product Director Multi Mission Protected Vehicle Systems (PdD MPVS) partnered with Operational Energy-Innovation (OE-I) and Defense Innovation Unit (DIU) to fund an Other Transaction Agreement (OTA) for rapid prototype design and test to conclude 3QFY27. Product Director MPVS is targeting third quarter FY 2028 to award a non-competitive / sole-source FAR-based contract with a multi-year production option.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604604A / *Medium Tactical Vehicles*	Project (Number/Name) H07 / *Family Of Med Tac Veh*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SBIR/STTR Transfer	TBD	Various : Various	-	0.665		-		-		-		-	0.000	0.665	-
		Subtotal	-	0.665		-		-		-		-	0.000	0.665	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
FMTV Improved Vehicle Safety Technologies	MIPR	ATEC : ABERDEEN PROVING GROUNDS, MD	3.300	0.500	Mar 2024	3.565	Mar 2025	3.503	Mar 2026	-		3.503	0.000	10.868	-
Climate Change Initiatives	TBD	TBD : TBD	15.000	14.335	Jun 2024	-		-		-		-	0.000	29.335	-
Vehicle Integrated Power Kits (VIPK)	C/TBD	DIU : TBD	-	-		-		8.661	Mar 2026	-		8.661	0.000	8.661	-
		Subtotal	18.300	14.835		3.565		12.164		-		12.164	0.000	48.864	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support VIPK	TBD	tbd : tbd	-	-		-		4.389	Jan 2026	-		4.389	0.000	4.389	-
		Subtotal	-	-		-		4.389		-		4.389	0.000	4.389	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LVAD PVT / PQT	MIPR	Army Test Center (ATC) : Aberdeen Proving Grounds, MD	-	2.061	Mar 2024	-		-		-		-	0.000	2.061	-
TEST ASSETS VIPK	SS/FFP	OshKosh Defense : OshKosh, Wisconsin	-	-		-		1.950	Feb 2026	-		1.950	0.000	1.950	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604604A / *Medium Tactical Vehicles*	Project (Number/Name) H07 / *Family Of Med Tac Veh*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	2.061		-		1.950		-		1.950	0.000	4.011	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	18.300	17.561		3.565		18.503		-		18.503	0.000	57.929	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604604A / *Medium Tactical Vehicles*	**Project (Number/Name)** H07 / *Family Of Med Tac Veh*

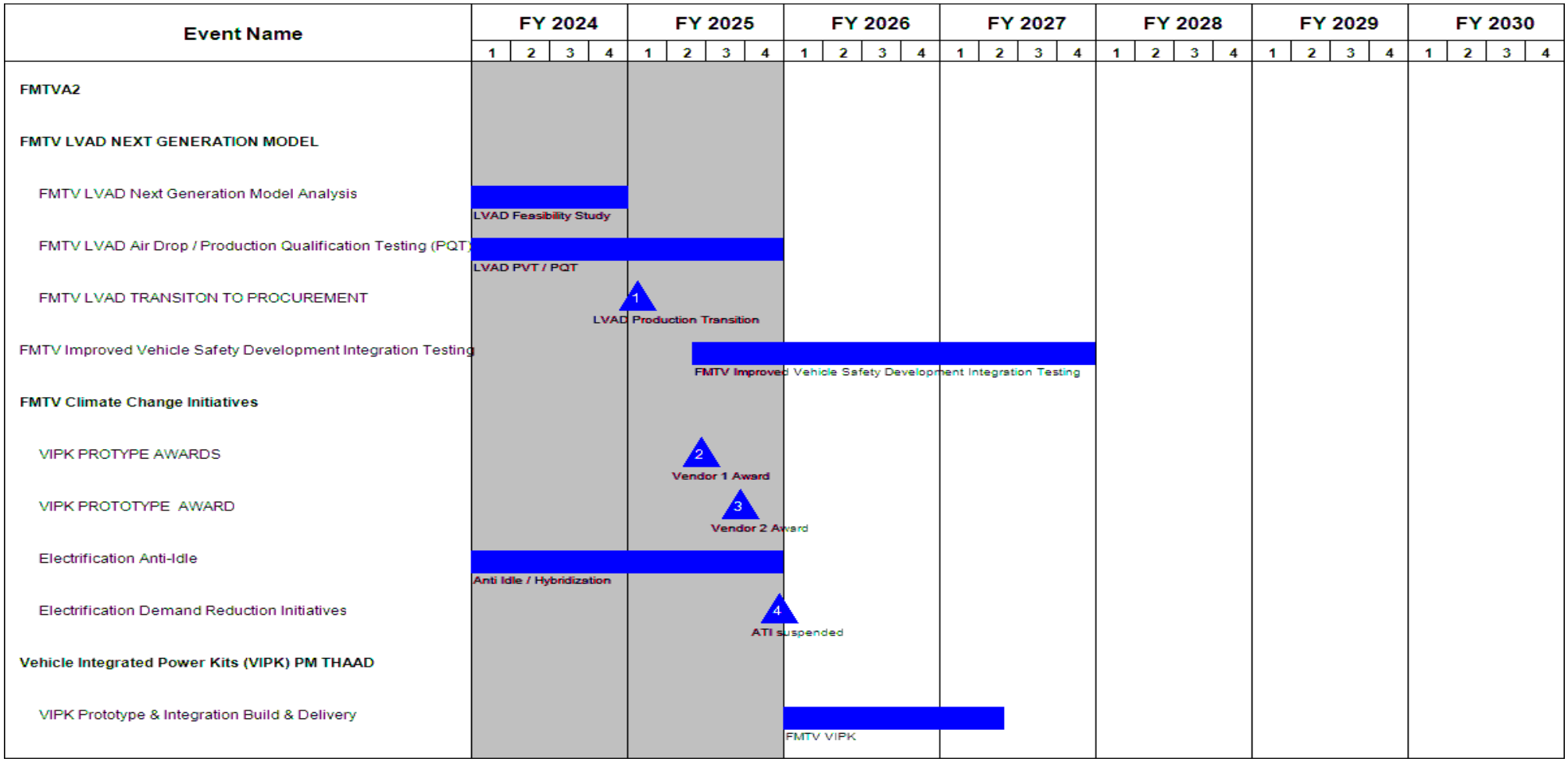


Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604604A / *Medium Tactical Vehicles*	**Project (Number/Name)** H07 / *Family Of Med Tac Veh*

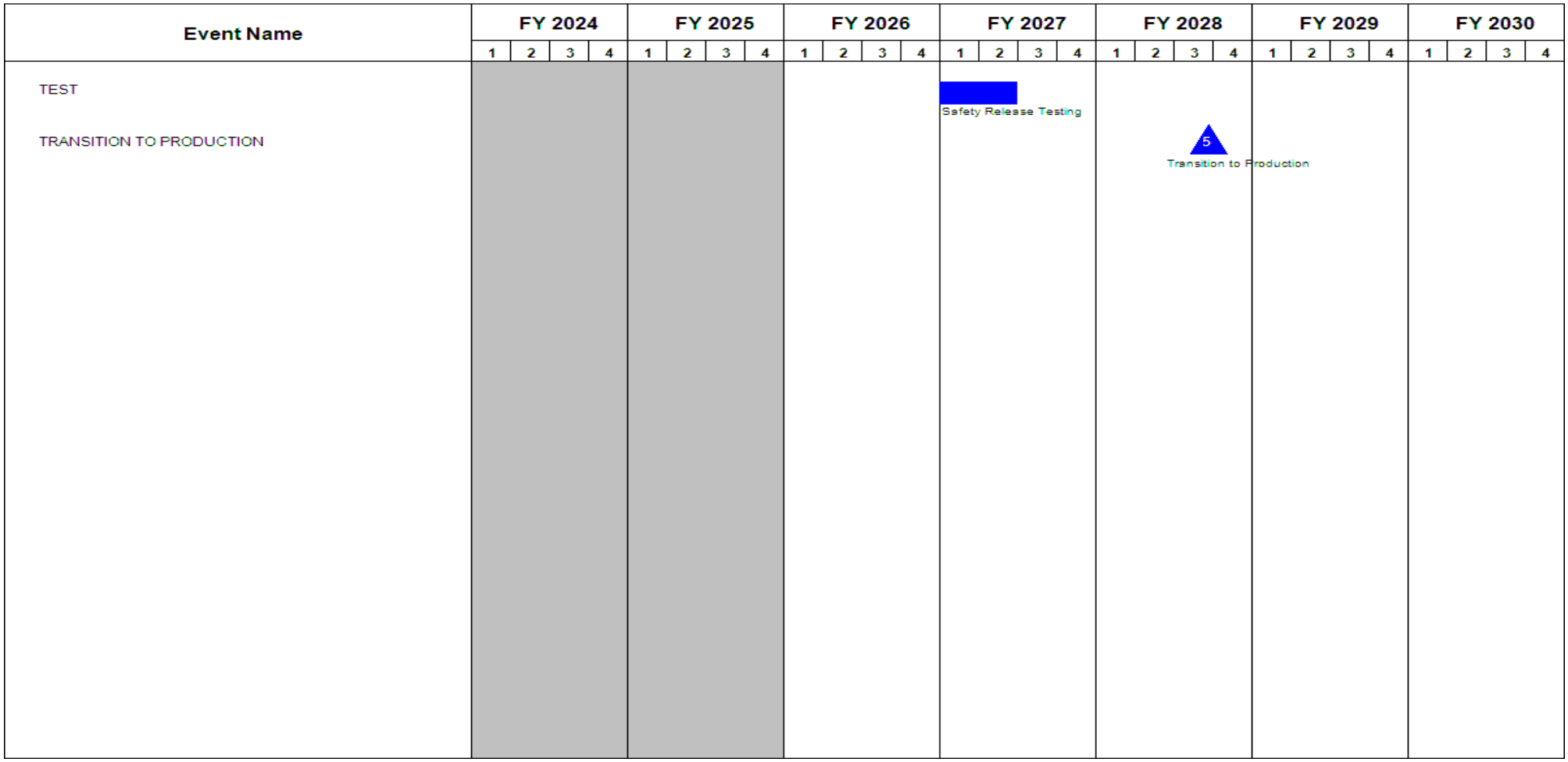


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604604A / *Medium Tactical Vehicles*	**Project (Number/Name)** H07 / *Family Of Med Tac Veh*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
FMTVA2	1	2019	4	2024
FMTV LVAD NEXT GENERATION MODEL	3	2020	2	2025
FMTV LVAD Next Generation Model Analysis	4	2021	4	2024
FMTV LVAD Air Drop / Production Qualification Testing (PQT)	3	2022	4	2025
FMTV LVAD TRANSITON TO PROCUREMENT	1	2025	1	2025
FMTV Improved Vehicle Safety Development Integration Testing	2	2025	4	2027
FMTV Climate Change Initiatives	2	2023	4	2025
VIPK PROTYPE AWARDS	2	2025	2	2025
VIPK PROTOTYPE AWARD	3	2025	3	2025
Electrification Anti-Idle	2	2023	4	2025
Electrification Demand Reduction Initiatives	4	2025	4	2025
Vehicle Integrated Power Kits (VIPK) PM THAAD	1	2026	4	2028
VIPK Prototype & Integration Build & Delivery	1	2026	2	2027
TEST	1	2027	2	2027
TRANSITION TO PRODUCTION	3	2028	3	2028

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604611A / *JAVELIN*

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
Total Program Element	-	7.541	10.405	9.810	-	9.810	-	-	-	-	-	-
499: *Javelin (AAWS-M)*	-	7.541	10.405	9.810	-	9.810	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Javelin Advanced Anti-Tank Weapon System-Medium (AAWS-M) is a man-portable, fire-and-forget, medium-range missile with enhanced situational awareness and precision direct-fire effects to defeat armored vehicles, fortifications, and soft targets in a range of military operations. Javelin has a high kill rate against a variety of targets at extended ranges under day/night, battlefield obscurants, adverse weather and multiple counter-measure conditions. The system's soft launch feature permits firing from a fighting position or an enclosure. Javelin uses a modular design to allow the system to evolve to meet changing threats and requirements via both software and hardware upgrades. The system consists of a reusable Command Launch Unit (CLU) with a built-in-test (BIT), and a modular missile encased in a disposable launch tube assembly. The system also includes training devices for tactical training and classroom training. Javelin's fire-and-forget technology allows the gunner to fire and immediately take cover, to move to another fighting position, or to reload. The Javelin provides enhanced lethality through the use of a tandem multi-purpose warhead which will defeat all known armor threats. It is effective against both stationary and moving targets. This system also provides defensive capability against attacking/hovering helicopters. The CLU can also be used as a stand-alone surveillance and target acquisition asset. Javelin can be adapted for use on a variety of platforms and remote weapon stations using the Javelin Vehicle Platform Adapter Kit (JVPAK). The Javelin weapon system is an Army-led, Acquisition Category (ACAT) IC Major Defense Acquisition Program (MDAP) that has joint interest with United States forces and international partners. Research, Development, Test & Evaluation (RDT&E) funding provides for system improvements in accordance with the Javelin Capabilities Production Document objectives and user priorities for future development.

FY 2026 dollars in the amount of $9.810 million will continue Javelin system improvements to address emerging threats, improve engagement timeline, and increase lethality.

The FY 2026 request was reduced by $0.247 million for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army					Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*		R-1 Program Element (Number/Name) PE 0604611A / *JAVELIN*			
B. Program Change Summary ($ in Millions)	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**
Previous President's Budget	7.827	10.405	10.085	-	10.085
Current President's Budget	7.541	10.405	9.810	-	9.810
Total Adjustments	-0.286	0.000	-0.275	-	-0.275
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.286	-			
• Adjustments to Budget Years	-	-	-0.275	-	-0.275

Change Summary Explanation

Decrease due to minor economic adjustment.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604611A / *JAVELIN*	Project (Number/Name) 499 / *Javelin (AAWS-M)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
499: *Javelin (AAWS-M)*	-	7.541	10.405	9.810	-	9.810	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Javelin Advanced Anti-Tank Weapon System-Medium (AAWS-M) is a man-portable, fire-and-forget, medium-range missile with enhanced situational awareness and precision direct-fire effects to defeat armored vehicles, fortifications, and soft targets in a range of military operations. Javelin has a high kill rate against a variety of targets at extended ranges under day/night, battlefield obscurants, adverse weather and multiple counter-measure conditions. The system's soft launch feature permits firing from a fighting position or an enclosure. Javelin uses a modular design to allow the system to evolve to meet changing threats and requirements via both software and hardware upgrades. The system consists of a reusable Command Launch Unit (CLU) with a built-in-test (BIT), and a modular missile encased in a disposable launch tube assembly. The system also includes training devices for tactical training and classroom training. Javelin's fire-and-forget technology allows the gunner to fire and immediately take cover, to move to another fighting position, or to reload. The Javelin provides enhanced lethality through the use of a tandem multi-purpose warhead which will defeat all known armor threats. It is effective against both stationary and moving targets. This system also provides defensive capability against attacking/hovering helicopters. The CLU can also be used as a stand-alone surveillance and target acquisition asset. Javelin can be adapted for use on a variety of platforms and remote weapon stations using the Javelin Vehicle Platform Adapter Kit (JVPAK). The Javelin weapon system is an Army-led, Acquisition Category (ACAT) IC Major Defense Acquisition Program (MDAP) that has joint interest with United States forces and international partners. Research, Development, Test & Evaluation (RDT&E) funding provides for system improvements in accordance with the Javelin Capabilities Production Document objectives and user priorities for future development.

FY 2026 dollars in the amount of $9.810 million will continue Javelin system improvements to address emerging threats, improve engagement timeline, and increase lethality.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Javelin System Improvements	7.426	9.908	9.690
Description: Lightweight Command Launch Unit (LWCLU) provides improved capability to the warfighter by increasing the target identification range, while reducing engagement time and soldier burden. LWCLU and Missile Software improvements will address emerging threats, improve engagement timeline, and increase lethality. Complete Delta Qualification of LWCLU and critical software/hardware upgrades for the Javelin Missile System.			
FY 2025 Plans: Continue software improvements and begin hardware improvements to improve the Javelin Weapon System engagement time and increase lethality against emerging threats and potential adversary countermeasures.			
FY 2026 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604611A / *JAVELIN*	**Project (Number/Name)** 499 / *Javelin (AAWS-M)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Continue software and hardware upgrades to the Javelin Weapon System for space, weight and performance improvements to reduce engagement time and increase lethality against emerging threats and potential adversary countermeasures. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding change is consistent with the planned lifecycle of this effort.			
Title: Integration and Countermeasure/Threat management ***Description:*** Integration and Countermeasure/Threat management allows for technical assessments, concept studies, documentation, prototypes, demonstrations and risk mitigation efforts to address emerging threats and to maintain modernized overmatch capability for U.S. and allied ground forces. Completed SIMEXp 24-6 with Fort Benning Maneuver Battle Lab to understand potential performance improvements addressed in the Soldier Requirements Division capability prioritization memo. ***FY 2025 Plans:*** Continue to perform technical assessments, concept studies, prepare documentation, develop prototypes and perform risk reduction efforts to address emerging threats as well as peer and near peer adversary Javelin countermeasures. ***FY 2026 Plans:*** Continue to perform technical assessments, concept studies, prepare documentation, develop prototypes and perform risk reduction efforts to address emerging threats as well as peer and near peer adversary Javelin countermeasures. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Minor increase due to economic assumptions.	0.115	0.117	0.120
Title: SBIR/STTR Transfer ***Description:*** Funding transferred in accordance with Title 15 USC 638. ***FY 2025 Plans:*** Funding transferred in accordance with Title 15 USC 638. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Funding transferred in accordance with Title 15 USC 638.	-	0.380	-
Accomplishments/Planned Programs Subtotals	7.541	10.405	9.810

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• H06102: *JAVELIN (AAWS-M)*	282.522	63.066	130.066	-	130.066	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604611A / *JAVELIN*	**Project (Number/Name)** 499 / *Javelin (AAWS-M)*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• H06103: *Javelin Lightweight Command Launch Unit (CLU)*	78.223	160.807	199.139	-	199.139	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Current Acquisition Strategy addresses software and hardware technology upgrades to the Javelin system. The Javelin Lightweight Command Launch Unit (LWCLU) addresses the Close Combat Missile System-Medium (CCMS-M) Capability Production Document requirement for a low soldier burden dismounted anti-tank missile system. System upgrades will address emerging threats, improve engagement timeline and increase lethality. Development efforts utilize other government agencies and the prime contractor, Javelin Joint Venture (Raytheon, Tucson, AZ, and Lockheed Martin, Orlando, FL). Future LWCLU and Missile system upgrades will continue to address emerging threats and ensure modernized overmatch capability for U.S and allied ground forces. Future system improvements will be cut into production as Engineering Change Proposals (ECPs) to the existing LWCLU and missile configurations. These improvements will include technology refresh efforts as necessary, and capability enhancements as prioritized by the requirements developer.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604611A / *JAVELIN*	Project (Number/Name) 499 / *Javelin (AAWS-M)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
System Engineering/ Program Management, Govt	Various	Multiple : Redstone Arsenal, AL	6.378	0.769	Feb 2024	0.785	Feb 2025	0.802	Dec 2025	-		0.802	0.000	8.734	-
SBIR/STTR Transfer	TBD	Various : Various	-	-		0.380		-		-		-	0.000	0.380	-
		Subtotal	6.378	0.769		1.165		0.802		-		0.802	0.000	9.114	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Javelin System Improvements	Various	Multiple : Various Locations	56.760	6.277	Mar 2024	9.123	Mar 2025	8.888	Mar 2026	-		8.888	0.000	81.048	-
Integration and Counter Measure/Threat management	MIPR	Multiple : Various Locations	0.367	0.115	Mar 2024	0.117	Mar 2025	0.120	Mar 2026	-		0.120	0.000	0.719	-
		Subtotal	57.127	6.392		9.240		9.008		-		9.008	0.000	81.767	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LWCLU Delta Qualification Testing	MIPR	Redstone Test Center : Redstone Arsenal, AL	-	0.380	Jun 2024	-		-		-		-	0.000	0.380	-
		Subtotal	-	0.380		-		-		-		-	0.000	0.380	N/A

Remarks

FY 2024 - Additional qualification testing (Delta Qual) will be required in FY 2025.

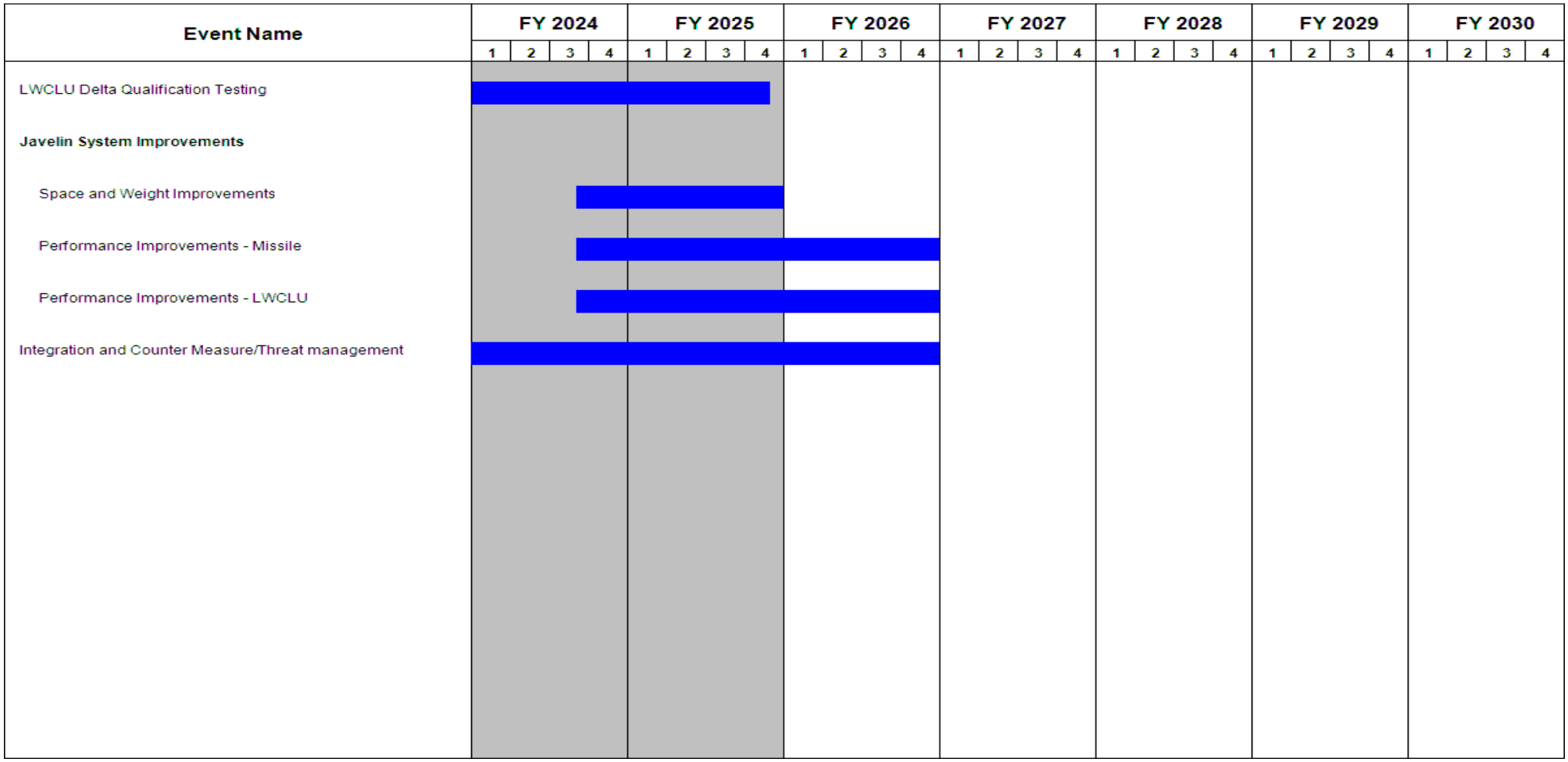
	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	63.505	7.541		10.405		9.810		-		9.810	0.000	91.261	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604611A / *JAVELIN*	Project (Number/Name) 499 / *Javelin (AAWS-M)*	

	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604611A / *JAVELIN*	**Project (Number/Name)** 499 / *Javelin (AAWS-M)*



Note

Space and Weight Improvements includes Guidance Electronics Unit (GEU) circuit card assembly redesign study.

Performance improvements for Missile and LWCLU include the following:

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604611A / *JAVELIN*	**Project (Number/Name)** 499 / *Javelin (AAWS-M)*

- Auto-Gate software study
- Improved tracker design study
- Improved warhead design study
- CLU simulation modeling
- Improvements based on user feedback after fielding

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604611A / *JAVELIN*	**Project (Number/Name)** 499 / *Javelin (AAWS-M)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
LWCLU Delta Qualification Testing	1	2024	4	2025
Javelin System Improvements	1	2020	4	2026
Space and Weight Improvements	3	2024	4	2025
Performance Improvements - Missile	3	2024	4	2026
Performance Improvements - LWCLU	3	2024	4	2026
Integration and Counter Measure/Threat management	4	2022	4	2026

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical Vehicles*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	40.175	34.690	47.064	-	47.064	-	-	-	-	-	-
659: *Family Of Hvy Tac Veh*	-	4.825	-	-	-	-	-	-	-	-	-	-
DG7: *Common Tactical Truck*	-	22.767	4.605	16.788	-	16.788	-	-	-	-	-	-
EZ8: *Leader/Follower*	-	12.583	30.085	30.276	-	30.276	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Program Element (PE) aligns system development and demonstration of Heavy Tactical Vehicles (HTV) with Multi-Domain Operations (MDO) requirements to support combat and combat support missions to include line haul, local haul, and unit resupply. HTV trucks transport water, ammunition, and general cargo over all terrains and throughout the battle-space. Systems include the Heavy Expanded Mobility Tactical Truck (HEMTT), Palletized Load System (PLS), Heavy Equipment Transporter System (HETS), Enhanced Heavy Equipment Transporter System (EHETS), Line Haul, Heavy Dump Truck (HDT), medium tactical trailers including the Medium Equipment Trailer (MET), the family of flatbed semitrailers to include but not limited to the 40-Ton M870, 34-Ton M872 and the 25-Ton M172 that support multiple Army missions and the development and demonstration of enablers. Recovery systems such as the Modular Catastrophic Recovery System (MCRS) and other heavy wreckers, that rescue large wheeled and track vehicle platforms in severe off-road conditions are also included. Periodic evolutionary upgrade of survivability and crew protection as described in the Long Term Protection Strategy (LTPS) is supported by this PE for both the HTV family of vehicles and the Family of Medium Tactical Vehicles (FMTV). Arctic and Demand Reduction Initiatives are also supported by this PE.

The Common Tactical Truck (CTT) program is a Family of Vehicles (FoV) that will replace the M915 Line Haul Tractor (LHT), Palletized Load System (PLS), and Heavy Expanded Mobility Tactical Truck (HEMTT) by leveraging best commercial practices and mature commercially available technology, including Predictive Logistics, Advanced Driver Assistance Systems (ADAS), and autonomy ready, resulting in lower procurement costs through economies of scale.

The FY 2026 cost of the Common Tactical Truck (CTT) Middle Tier of Acquisition effort is $11.3 million, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission.

The Leader Follower (LF) funding line supports the Autonomous Transport Vehicle-System (ATV-S) effort that equips Tactical Wheeled Vehicles with autonomous behaviors. Additionally, the capability gives convoy commanders flexibility to leverage the six levels of automated driving that range from Level 0 (Fully Manual) to Level 5 (Fully Autonomous), and any combination therein to conduct convoy operations. Autonomous driving behaviors enable increased operational efficiency of tactical wheeled vehicles resulting in an increase of sustainment throughput while reducing Soldier exposure to hostile threats.

The FY 2026 cost of the Autonomous Transport Vehicle-System (ATV-S) Middle Tier of Acquisition effort is $16.8 million, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604622A *I Family of Heavy Tactical Vehicles*

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.

The FY 2026 request was reduced by $0.277 million for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

The FY 2026 request was reduced by $0.209 million for civilian personnel to optimize the workforce in compliance with Executive Order 14210, "Implementing the President's Department of Government Efficiency Workforce Optimization Initiative."

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	44.197	50.011	34.527	-	34.527
Current President's Budget	40.175	34.690	47.064	-	47.064
Total Adjustments	-4.022	-15.321	12.537	-	12.537
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-2.500	-15.321			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.001	-			
• SBIR/STTR Transfer	-1.523	-			
• Adjustments to Budget Years	-	-	12.537	-	12.537

Change Summary Explanation

Funding increase in FY 2026 from the previous PB to the current PB reflects the requirement for Common Tactical Truck development of the Autonomy Interoperability Profile Instantiation, Autonomous capability development, CTT Exportable Power and Energy study and CTT mobility study.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical V ehicles*	Project (Number/Name) 659 / *Family Of Hvy Tac Veh*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
659: *Family Of Hvy Tac Veh*	-	4.825	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

No mission requirements for Project 659 in FY 2025 and FY 2026. Funds were transferred to Project DG7 / Common Tactical Truck, for execution.

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

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Predictive Logistics (PL) Development ***Description:*** Development of PL Engineer Change Proposals (ECPs) to enable the Tactical Wheeled Vehicle fleet to transition from time-based/conditioned-based maintenance to the ability to act prior to material failure.	1.834	-	-
Title: HTV Matrix Functional Support	0.318	-	-
Title: Predictive Logistics - Rapid Sustainment Improvement Process (RSIP) ***Description:*** Rapid Sustainment Improvement Process (RSIP) is used for projects and processes that can improve current sustainment throughout the Department of Defense, including, Capturing information from sensors already on the vehicles, assist with the accurate analysis for system usage, assessing the actual health of the fleet and accurate life cycle cost reporting.	2.500	-	-
Title: SBIR/STTR Transfer ***Description:*** Funding transferred in accordance with Title 15 USC §638.	0.173	-	-
Accomplishments/Planned Programs Subtotals	4.825	-	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• DA0924: *Modification Of In Svc Equip*	131.506	152.801	98.728	-	98.728	-	-	-	-	-	-
• DA0500: *Family Of Heavy Tactical Vehicles (FHTV)*	243.019	266.711	202.009	-	202.009	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical Vehicles*	**Project (Number/Name)** 659 / *Family Of Hvy Tac Veh*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost

Remarks

DA0924 - Modification Of In Svc Equip and DA0500 - Family of Heavy Tactical Vehicles are shared funding lines with other product offices

D. Acquisition Strategy

The strategy to develop, integrate and test Predictive Logistics technologies is to leverage existing capabilities developed commercially and adapt for military use on the tactical wheeled vehicle fleet. Development and testing will be conducted by the U.S. Army Capabilities Development Command and ECPs will be integrated by the vehicle Original Equipment Manufacturers.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical V ehicles*	Project (Number/Name) 659 / *Family Of Hvy Tac Veh*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SBIR/STTR Transfer	TBD	TBD : Various	-	0.173		-		-		-		-	0.000	0.173	-
		Subtotal	-	0.173		-		-		-		-	0.000	0.173	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PL Development	TBD	TBD : TBD	0.875	1.834	Jan 2024	-		-		-		-	Continuing	Continuing	-
PL - Rapid Sustainment Improvement Process (RSIP)	TBD	TBD : TBD	-	2.500	Jan 2024	-		-		-		-	Continuing	Continuing	-
		Subtotal	0.875	4.334		-		-		-		-	Continuing	Continuing	N/A

Remarks

CTT Non-Recurring Engineering and Prototype Manufacturing awarded to four vendors: Mack Defense, Navistar Defense, American Rheinmetall Vehicles, Oshkosh Defense

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PdM HTV Matrix Functional Support	MIPR	TACOM, LCMC : Warren, MI	0.220	0.318	Mar 2024	-		-		-		-	Continuing	Continuing	-
		Subtotal	0.220	0.318		-		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	1.095	4.825		-		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical Vehicles*	**Project (Number/Name)** 659 / *Family Of Hvy Tac Veh*

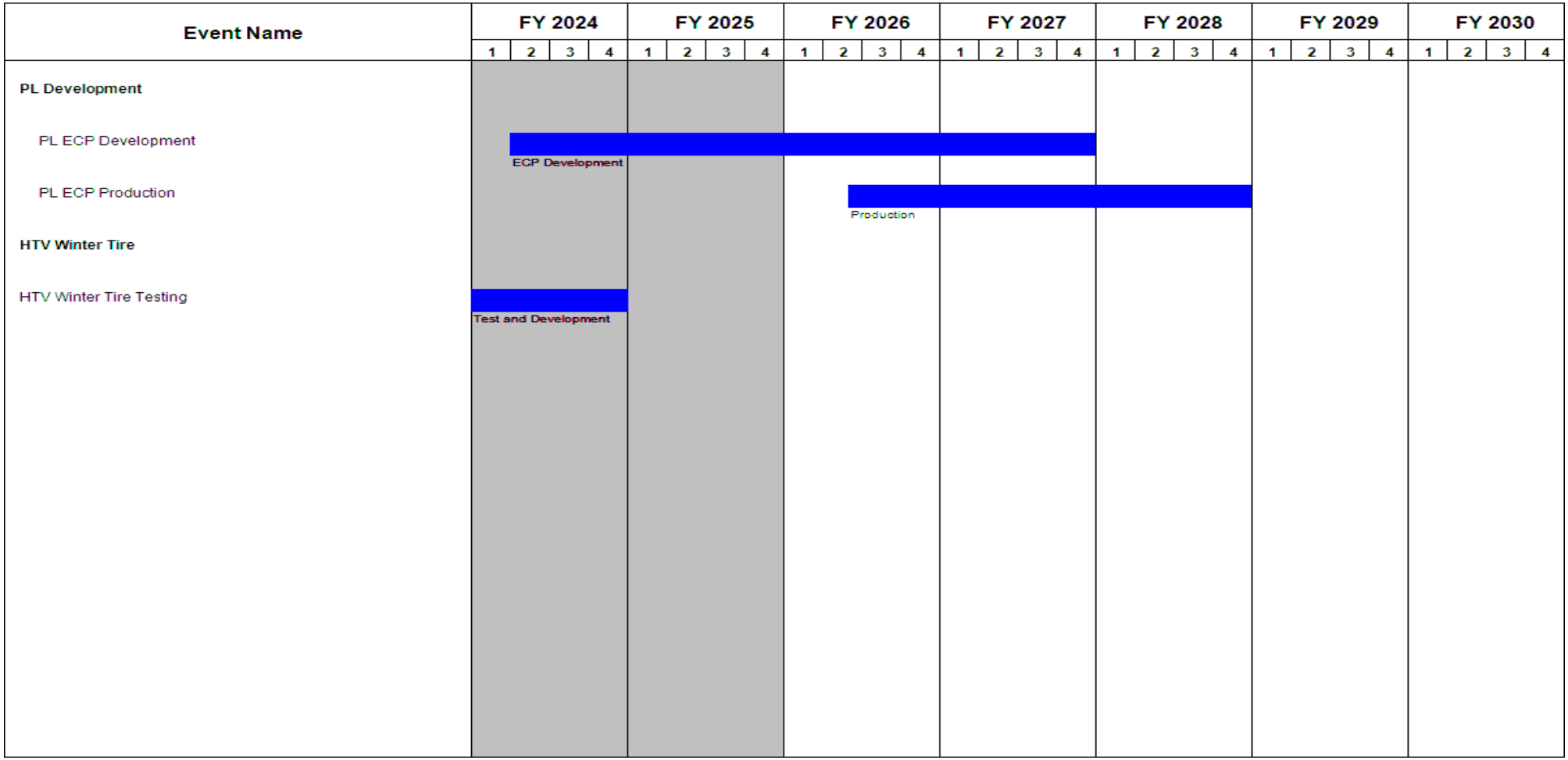


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical Vehicles*	**Project (Number/Name)** 659 / *Family Of Hvy Tac Veh*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
PL Development	1	2024	4	2027
PL ECP Development	1	2024	4	2027
PL ECP Production	2	2026	4	2028
HTV Winter Tire	3	2023	4	2024
HTV Winter Tire Testing	3	2023	4	2024

Note

The CTT schedule was approved by the Army Acquisition Executive (AAE) during the Middle Tier of Acquisition - Rapid Prototyping Initiation Brief in January 2023.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical Vehicles*	Project (Number/Name) DG7 / *Common Tactical Truck*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
DG7: *Common Tactical Truck*	-	22.767	4.605	16.788	-	16.788	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Common Tactical Truck (CTT) program is a Family of Vehicles (FoV) that will replace the M915 Line Haul Tractor (LHT), Palletized Load System (PLS), and Heavy Expanded Mobility Tactical Truck (HEMTT) by leveraging best commercial practices and mature commercially available technology, including Predictive Logistics, Advanced Driver Assistance Systems (ADAS), and autonomy ready, resulting in lower procurement costs through economies of scale

FY 2026 Project DG7 Base funds in the amount of $16.788 million supports Autonomy Interoperability Profile Instantiation, CTT Autonomy Development, CTT Exportable Power and Energy study, CTT mobility study and Program Management support.

The FY 2026 cost of the Common Tactical Truck (CTT) Middle Tier of Acquisition effort is $11.3 million, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission.

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

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: CTT Program Management Support	4.860	2.005	7.188
Description: Program Management Support is required to address/augment Contracting, Engineering and Logistic functions, capabilities and gaps to supplement core employee competencies. Additional Army Contracting Command (ACC) support is imperative for the Request for Proposal (RFP) development, acquisition documentation, along with staffing the Source Selection Evaluation Board (SSEB).			
FY 2025 Plans: Funding for CTT matrix functional support.			
FY 2026 Plans: FY 2026 will fund program management support for RFP development, acquisition documentation completion, and staffing of the SSEB			
FY 2025 to FY 2026 Increase/Decrease Statement:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** DG7 / *Common Tactical Truck*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2026 funding Increase is due to the increase of personnel (engineering, logistics, contracting) for CTT to include additional Subject Matter Experts (SME's) for RFP development and SSEB support			
Title: CTT Prototype Testing ***Description:*** Developmental testing consisting of safety, performance and limited durability testing.	7.736	-	-
Title: CTT Soldier Assessment ***Description:*** Evaluation of the prototype system performance while operating the vehicles in an environment that best represents the mission profiles defined for the variants procured. Also will introduce Soldiers to the new technologies provided by the CTT such as digital backbone, Active Safety Systems, anti-idle and other energy saving technologies and solicit their feedback.	2.001	-	-
Title: Predictive Logistics (PL) Data Integration Ground Systems (DIGS) Development ***Description:*** Development of PL Engineer Change Proposals (ECPs) to enable the Tactical Wheeled Vehicle fleet to transition from time-based/conditioned-based maintenance to the ability to act prior to material failure. ***FY 2025 Plans:*** Development of Engineer Change Proposals (ECPs) for the Digital Source Collector Ruggedized (DSCR), Operator Support Device (OSD), and Digital Logbook (DLB) applications. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY2026 decrease due to completion of initial requirements for Predictive Logistics (PL) Data Integration Ground Systems (DIGS) Development	-	2.600	-
Title: CTT Prototype Manufacturing ***Description:*** Middle Tier of Acquisition is being considered for rapid prototyping, including designs by multiple vendors for replacement of the M915 Tractor, Palletized Loading System (PLS) and Heavy Expanded Mobility Tactical Truck (HEMTT).	8.170	-	-
Title: Develop CTT Autonomy Interoperability Profile (IoP) Instantiation ***Description:*** Development of the CTT Autonomy IoP Instantiation document which will identify how the CTT will send and receive messages with autonomy kits ***FY 2026 Plans:***	-	-	0.300

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** DG7 / *Common Tactical Truck*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Develop the CTT Autonomy IoP Instantiation document which will identify how the CTT will send and receive messages with autonomy kits ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 Increase reflects the development of the CTT Autonomy IoP Instantiation			
Title: CTT Autonomy Kit procurement ***Description:*** Procure autonomy kits to support testing of the CTT to the CDD requirements for autonomy. ***FY 2026 Plans:*** Procure and integrate autonomy kits to support testing of the CTT to the CDD requirements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY2026 Increase reflects procurement of autonomy kits to support testing of the CTT.	-	-	8.100
Title: CTT Exportable Power and Energy Study ***Description:*** Fund DEVCOM Analysis Center (DAC) to conduct power and energy study for CTT proposed solution during FY26-27 to evaluate performance ***FY 2026 Plans:*** To conduct power and energy study for CTT proposed solution during FY26 to evaluate performance ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY2026 Increase reflects conducting Power and Energy Study on CTT proposed solutions	-	-	0.700
Title: CTT Mobility Study ***Description:*** Fund GVSC to Conduct modeling and simulation and assessment of CTT proposed solutions to evaluate performance ***FY 2026 Plans:*** Conduct modeling and simulation and assessment of CTT proposed solutions to evaluate performance ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY2026 Increase reflects conducting modeling and simulation on CTT mobility	-	-	0.500
Accomplishments/Planned Programs Subtotals	22.767	4.605	16.788

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** DG7 / *Common Tactical Truck*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• D17011: *CTT LINE HAUL*	-	-	-	-	-	-	-	-	-		

Remarks

D. Acquisition Strategy

The Common Tactical Truck (CTT) Family of Vehicles (FoVs) is a modernization effort to replace the Line Haul, HEMTT, and PLS vehicles. The CTT began with an approved Abbreviated Capability Development Document (A-CDD) and was approved to pursue the Middle-Tier of Acquisition (MTA) Rapid Prototyping (RP) pathway with an anticipated transition to a new Major Capability Acquisition program for Low-Rate Initial Production. The rapid prototyping effort was executed as a competitive OTA, awarded to four offerors to deliver three prototypes and three digital designs/studies. The Operational Demonstration and prototype assessments informed the Capability Development Document (CDD).

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical V ehicles*	Project (Number/Name) DG7 / *Common Tactical Truck*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CTT Prototype Manufacturing	C/IDIQ	TBD : TBD	-	8.170	Dec 2023	-		-		-		-	0.000	8.170	-
Predictive Logisticts DIGS Development	TBD	TBD : TBD	-	-		2.600	Sep 2025	-		-		-	0.000	2.600	-
Autonomous Transport Vehicle System (ATV-S) Kit procurement	TBD	TBD : TBD	-	-		-		8.100	Aug 2026	-		8.100	0.000	8.100	-
		Subtotal	-	8.170		2.600		8.100		-		8.100	0.000	18.870	N/A

Remarks

CTT Non-Recurring Engineering and Prototype Manufacturing awarded to four vendors: Mack Defense, Navistar Defense, American Rheinmetall Vehicles, Oshkosh

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CTT Matrix Functional Support	MIPR	TACOM LCMP : Warren, MI	-	4.860	Jan 2024	2.005	Aug 2025	7.188	Apr 2026	-		7.188	0.000	14.053	-
		Subtotal	-	4.860		2.005		7.188		-		7.188	0.000	14.053	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CTT Prototype Testing	MIPR	U.S. Army Test Center : Aberdeen, MD	-	7.736	Feb 2024	-		-		-		-	0.000	7.736	-
CTT Soldier Assessment	MIPR	Aberdeen Test Center : ATC, MD	-	2.001	May 2024	-		-		-		-	0.000	2.001	-
CTT Autonomy Interoperability Profile (IoP) Instantiation	TBD	TBD : Warren, MI	-	-		-		0.300	Feb 2026	-		0.300	0.000	0.300	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical V ehicles*	Project (Number/Name) DG7 / *Common Tactical Truck*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CTT Power and Energy Study	MIPR	DEVCOM Analysis Center (DAC) : Warren, MI	-	-		-		0.700	Feb 2026	-		0.700	0.000	0.700	-
CTT Mobility Study	MIPR	Ground Vehicle Support Center : Warren, MI	-	-		-		0.500	Feb 2026	-		0.500	0.000	0.500	-
		Subtotal	-	9.737		-		1.500		-		1.500	0.000	11.237	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	22.767		4.605		16.788		-		16.788	0.000	44.160	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** DG7 / *Common Tactical Truck*

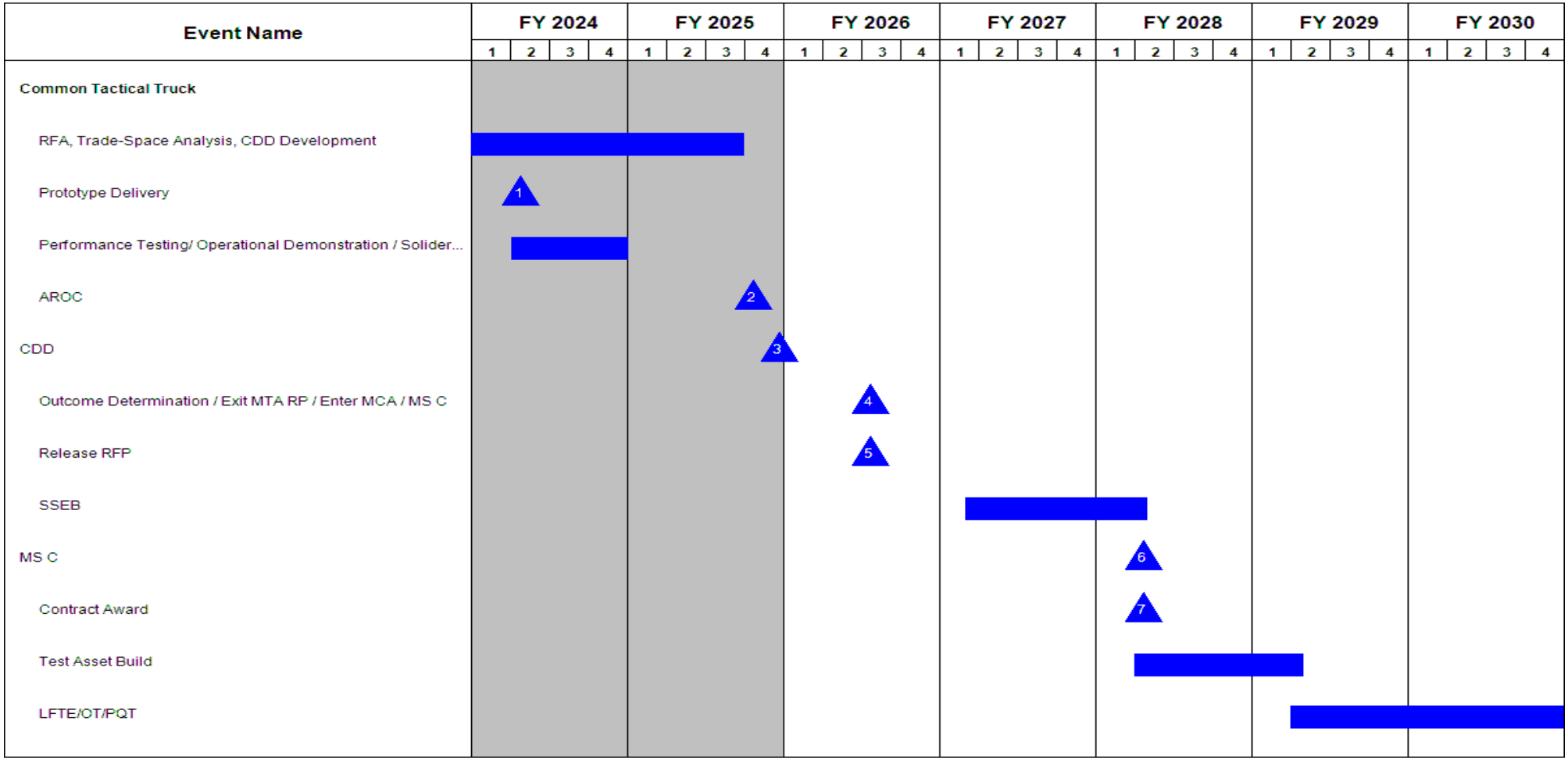


Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical Vehicles*	**Project (Number/Name)** DG7 / *Common Tactical Truck*

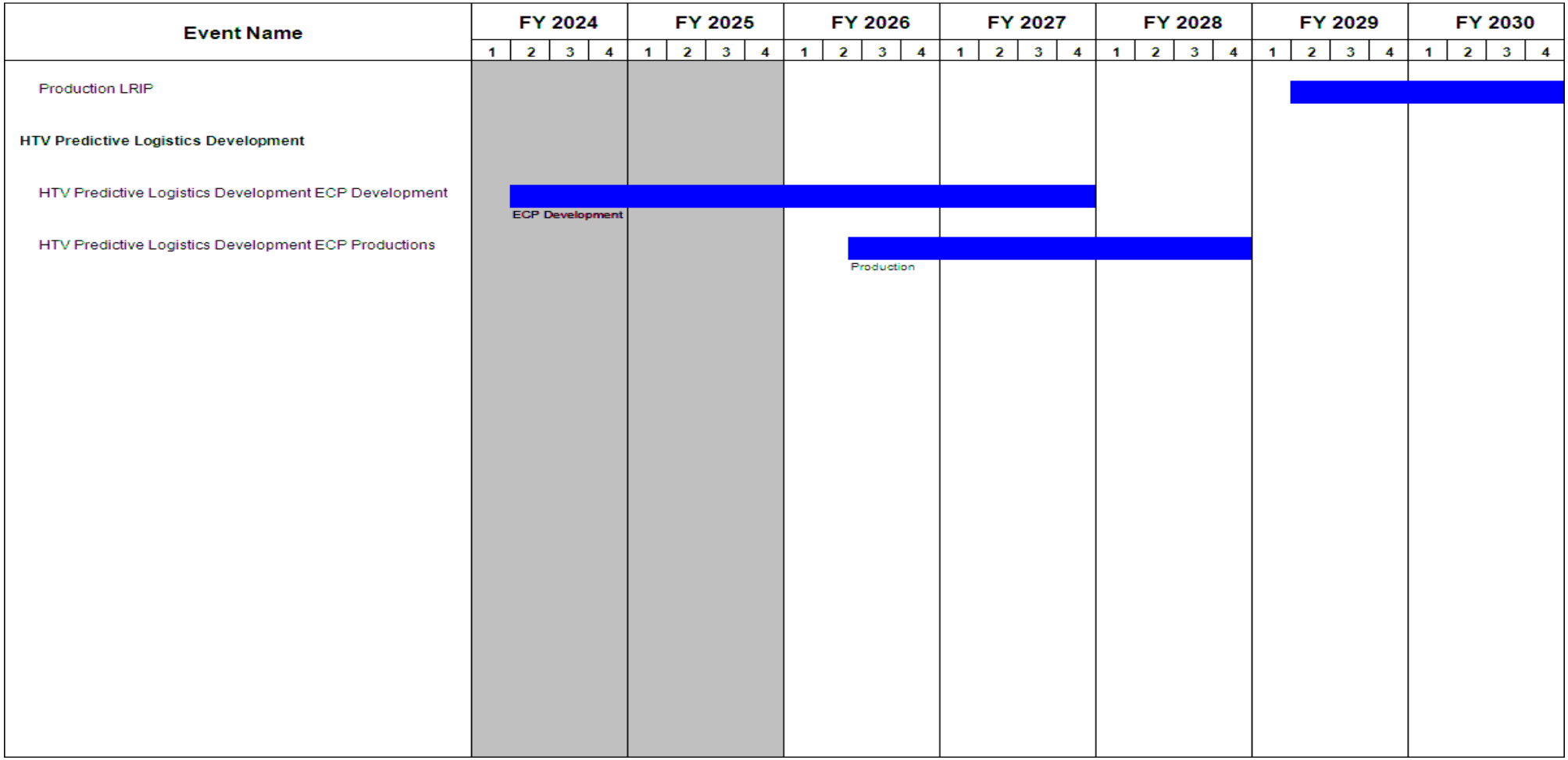


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** DG7 / *Common Tactical Truck*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Common Tactical Truck	2	2022	4	2028
RFA, Trade-Space Analysis, CDD Development	4	2022	3	2025
OTA #1 Award	2	2023	2	2023
DP MTA-RP Entry	2	2023	2	2023
Prototype Delivery	2	2024	2	2024
Performance Testing/ Operational Demonstration / Solider Touch Points	2	2024	4	2024
AROC	4	2025	4	2025
CDD	4	2025	4	2025
Outcome Determination / Exit MTA RP / Enter MCA / MS C	3	2026	3	2026
Release RFP	3	2026	3	2026
SSEB	1	2027	2	2028
MS C	2	2028	2	2028
Contract Award	2	2028	2	2028
Test Asset Build	2	2028	2	2029
LFTE/OT/PQT	2	2029	4	2030
Production LRIP	2	2029	4	2030
Full Rate Production	3	2031	1	2041
HTV Predictive Logistics Development	1	2024	4	2027
HTV Predictive Logistics Development ECP Development	1	2024	4	2027
HTV Predictive Logistics Development ECP Productions	2	2026	4	2028

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical Vehicles*	Project (Number/Name) EZ8 / *Leader/Follower*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
EZ8: *Leader/Follower*	-	12.583	30.085	30.276	-	30.276	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Leader Follower (LF) funding line supports the Autonomous Transport Vehicle-System (ATV-S) effort that equips Tactical Wheeled Vehicles with autonomous behaviors. Additionally, the capability gives convoy commanders flexibility to leverage the six levels of automated driving that range from Level 0 (Fully Manual) to Level 5 (Fully Autonomous), and any combination therein to conduct convoy operations. Autonomous driving behaviors enable increased operational efficiency of tactical wheeled vehicles resulting in an increase of sustainment throughput while reducing Soldier exposure to hostile threats.

The FY 2026 cost of the Autonomous Transport Vehicle-System (ATV-S) Middle Tier of Acquisition effort is $16.8 million, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission.

FY 2026 RDTE in the amount of $30.276 million funds Phase 3 vendor award, Operational Demonstration, test support, vendor support and program support.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Tactical Wheeled Vehicle Leader Follower (Autonomous Transport Vehicle-System)	12.583	30.085	30.276
Description: Leader Follower (Autonomous Transport Vehicle-System program) equips Tactical Wheeled Vehicles with autonomous behaviors to reduce Soldier risk and increase convoy throughput.			
FY 2025 Plans: FY 2025 funds the completion of Phase 1 - Competitive Demonstration and Evaluation of up to three vendor solutions, awards 2 selected vendors Phase 2 - Vendor Prototype Build, and organizations to test/evaluate and provide support during the developmental test & evaluation. Activities funded include program management, technical design reviews, test, cyber, prototypes, contractor support and spares to support test, and Government support to vendors using government-provided software.			
FY 2026 Plans: FY 2026 Base Plan funds Phase 3 vendor award - Build Prototypes for First Unit Issued (FUI). Activities funded include acquisition and integration of M-Code hardware and software, technical support, operational testing and evaluation, cyber security tests and scans, and program support.			
FY 2025 to FY 2026 Increase/Decrease Statement:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** EZ8 / *Leader/Follower*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Increase from FY 2025 to FY 2026 is due to an increased number of systems required in Phase 3 to complete FUI, and increased support costs in Phase 3.			
Accomplishments/Planned Programs Subtotals	12.583	30.085	30.276

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• W20897: *AUTONOMOUS TRANSPORT VEHICLE (ATV)*	-	0.577	0.509	-	0.509	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The Leader Follower (Autonomous Transport Vehicle-System (ATV-S) program) strategy utilizes the Middle Tier of Acquisition (MTA) Rapid Prototyping pathway to compete multiple contractor solutions through a three phased competitive selection process. Phase 1 concluded with the evaluation of the three contractor solutions through a demonstration event and transitioned to Phase 2 with two vendors selected to continue into performance test and evaluation. The ATV-S program has entered Phase 2, Prototype Testing and Operational Demonstration with two awarded contractors. The best value solution from Phase 2 will transition to Phase 3 to build additional prototypes for First Unit Issued (FUI) to support the FY 2026 Army Transportation Company level evaluation required to gain operational feedback to support an approved follow-on Acquisition Pathway.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical V ehicles*	Project (Number/Name) EZ8 / *Leader/Follower*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LF / ATV-S Program Management	Allot	PM FP : Warren, MI; Harrison Twp, MI	4.896	4.061	Oct 2023	7.894	Oct 2024	8.334	Oct 2025	-		8.334	0.000	25.185	-
		Subtotal	4.896	4.061		7.894		8.334		-		8.334	0.000	25.185	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Engineering	MIPR	GVSC : Warren, MI	3.367	1.880		-		-		-		-	0.000	5.247	-
Phase 1 - Prototyping Award	C/FFP	Multiple : Various	12.430	2.422	Nov 2023	-		-		-		-	0.000	14.852	-
Phase 2 - Vendor Prototype Build and Evaluation	C/FFP	Multiple : Various	-	-		12.259	Dec 2024	-		-		-	0.000	12.259	-
Phase 3 - Build Prototypes / Conduct First Unit Issued	C/FFP	Multiple : Various	-	-		-		13.002	Jun 2026	-		13.002	0.000	13.002	-
		Subtotal	15.797	4.302		12.259		13.002		-		13.002	0.000	45.360	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Tech Support	MIPR	GVSC, TACOM : Warren, MI	12.976	0.475	Oct 2023	1.682	Nov 2024	2.714	Oct 2025	-		2.714	0.000	17.847	-
		Subtotal	12.976	0.475		1.682		2.714		-		2.714	0.000	17.847	N/A

Remarks

Increase in Tech Support from FY 2025 to FY 2026 due to increase in number of prototypes requiring support.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / *Family of Heavy Tactical Vehicles*	Project (Number/Name) EZ8 / *Leader/Follower*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test Support	MIPR	ATEC : Aberdeen, MD	5.177	3.745	Oct 2023	7.398	Oct 2024	5.796	Nov 2025	-		5.796	0.000	22.116	-
SIL Support	MIPR	GVSC : Warren, MI	-	-		0.852	Feb 2025	0.430	Jan 2026	-		0.430	0.000	1.282	-
		Subtotal	5.177	3.745		8.250		6.226		-		6.226	0.000	23.398	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	38.846	12.583		30.085		30.276		-		30.276	0.000	111.790	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** EZ8 / *Leader/Follower*

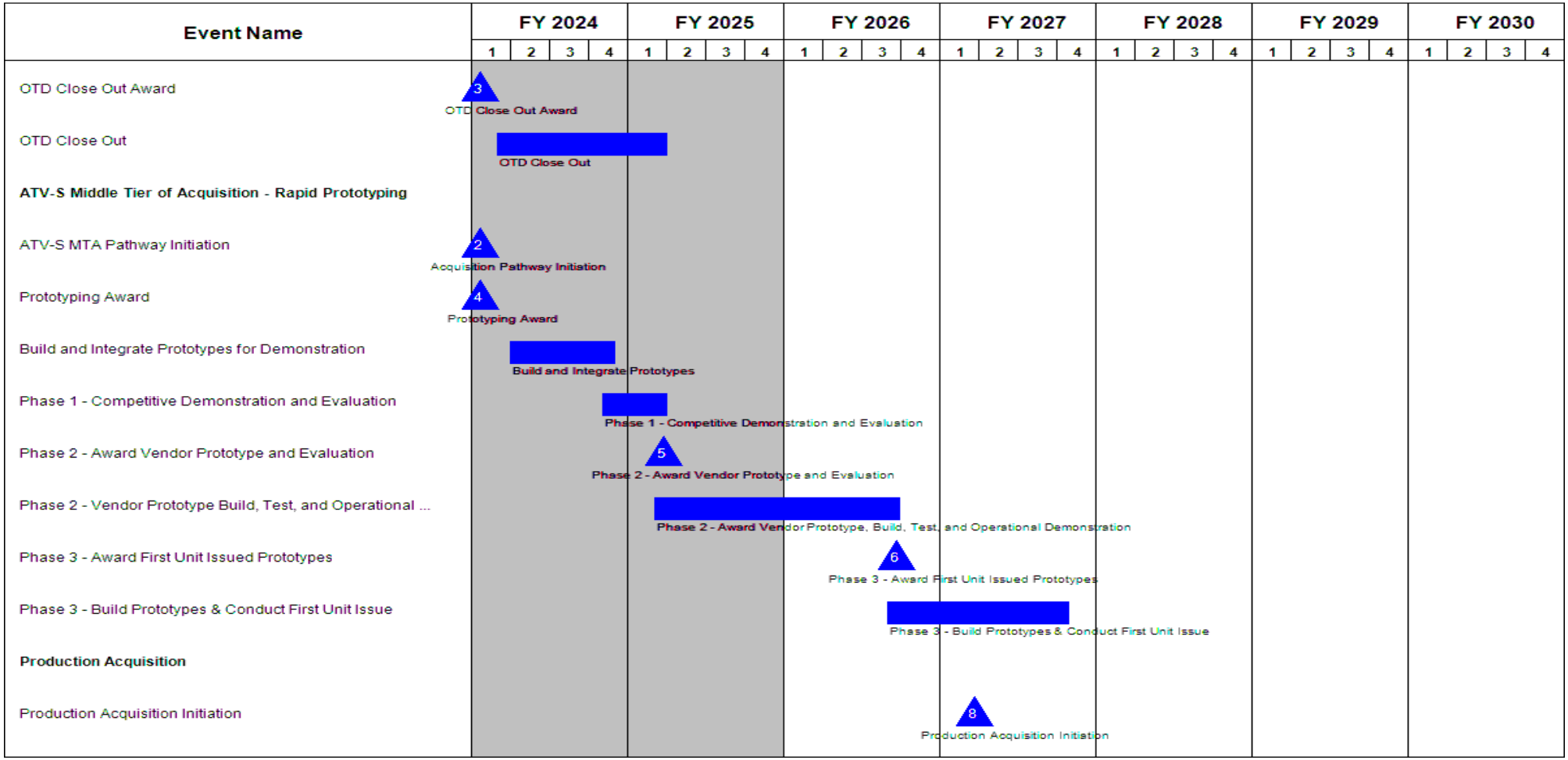


Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical Vehicles*	**Project (Number/Name)** EZ8 / *Leader/Follower*

Event Name	FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Production Award													9 Production Award															

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604622A / *Family of Heavy Tactical V ehicles*	**Project (Number/Name)** EZ8 / *Leader/Follower*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Operational Technology Demonstration (OTD)	1	2022	4	2023
OTD Close Out Award	1	2024	1	2024
OTD Close Out	1	2024	1	2025
ATV-S Middle Tier of Acquisition - Rapid Prototyping	1	2024	1	2024
ATV-S MTA Pathway Initiation	1	2024	1	2024
Prototyping Award	1	2024	1	2024
Build and Integrate Prototypes for Demonstration	1	2024	4	2024
Phase 1 - Competitive Demonstration and Evaluation	4	2024	1	2025
Phase 2 - Award Vendor Prototype and Evaluation	1	2025	1	2025
Phase 2 - Vendor Prototype Build, Test, and Operational Demonstration	1	2025	3	2026
Phase 3 - Award First Unit Issued Prototypes	3	2026	3	2026
Phase 3 - Build Prototypes & Conduct First Unit Issue	3	2026	4	2027
Production Acquisition	1	2027	1	2027
Production Acquisition Initiation	1	2027	1	2027
Production Award	1	2027	1	2027

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604633A *I Air Traffic Control*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	11.093	0.982	-	-	0.000	-	-	-	-	-	-
586: *Air Traffic Control*	-	11.093	0.982	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Program Element (PE) 0604633A Air Traffic Control funds continuous efforts in the development of modernized tactical Air Traffic Control (ATC) systems that enable safety of aircraft operations. ATC systems are required to achieve or maintain compliance with civil, military, domestic and international ATC mandates and combat identification requirements.

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 Common Operating Environment (COE) convergence to Integrated Mission Planning and Airspace Control Tools (IMPACT) 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 Next Generation Command and Control (NGC2), 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 (CE), Mounted CE, and Mobile/Handheld CE and will extend AC services to the tactical edge.

TAIS/IMPACT will leverage Air Space Total Awareness for Rapid Tactical Execution (ASTARTE) technology. ASTARTE provides artificial intelligence and machine learning algorithms which will allow IMPACT to achieve more rapid synchronization of airspace planning and dynamic execution. This will enable commanders to maximize airspace usage, increase freedom of maneuver in the 3rd dimension, enhance safety and fratricide prevention, and enable seamless integration / deconfliction of fires and aviation operations in highly congested and complex environments during Large Scale Combat Operations (LSCO).

The Air Traffic Navigation Integration and Coordination System (ATNAVICS) is a highly mobile Airport Surveillance Radar and Precision Approach Radar system that provides Air Traffic Services at Army airfields and landing sites at Division, Corps, and Echelons above Corps to include services for Joint and Allied aircraft. ATNAVICS integrates capabilities to control aircraft both Outside of the Continental United States and in the Continental United States. ATNAVICS is upgrading the Interrogation

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604633A *I Air Traffic Control*

Identification Friend-or-Foe (IFF) system to maintain international airspace compatibility, capture flight information through the reception of aircraft self-reporting data broadcasts, and process into an interconnected air picture.

This funding supports the Army's Next Generation Command and Control (NGC2) initiative to modernize Command and Control (C2) systems.

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	1.134	0.982	0.539	-	0.539
Current President's Budget	11.093	0.982	0.000	-	0.000
Total Adjustments	9.959	0.000	-0.539	-	-0.539
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	10.000	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.041	-			
• Adjustments to Budget Years	-	-	-0.539	-	-0.539

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Project: 586: *Air Traffic Control*		
Congressional Add: *Congressional Add Program Increase Integrated Mission Planning and Aviation Control Tools (IMPACT)*	10.000	-
Congressional Add Subtotals for Project: 586	10.000	-
Congressional Add Totals for all Projects	10.000	-

Change Summary Explanation

Decrease in FY 2026 funding from the previous PB to the current PB reflects changes in Army priorities for the modernized tactical Air Traffic Control (ATC) systems to other Next Generation Command and Control (NGC2) priorities.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604633A / *Air Traffic Control*	Project (Number/Name) 586 / *Air Traffic Control*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
586: *Air Traffic Control*	-	11.093	0.982	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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). Integrated Mission Planning and Airspace Control Tools (IMPACT) is the software convergence product for TAIS AC requirements.

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 and Next Generation Command and Control (NGC2). 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 NGC2, 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 (CE), Mounted CE, and Mobile/Handheld CE 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. 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 plans to leverage Air Space Total Awareness for Rapid Tactical Execution (ASTARTE) technology. ASTARTE provides artificial intelligence and machine learning algorithms which will allow IMPACT to achieve more rapid synchronization of airspace planning and dynamic execution. This will enable commanders to maximize airspace usage, increase freedom of maneuver in the 3rd dimension, enhance safety and fratricide prevention, and enable seamless integration / deconfliction of fires and aviation operations in highly congested and complex environments during Large Scale Combat Operations (LSCO). 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.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604633A / *Air Traffic Control*	**Project (Number/Name)** 586 / *Air Traffic Control*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Tactical Airspace Integration System (TAIS)	1.093	0.982	-
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). ***FY 2025 Plans:*** Continue with IMPACT software development and testing to meet CD Operational Needs Requirements. Continue to develop JADC2 AC capabilities and AC service extension using Mission Command Information System (MCIS) and Tactical Assault Kit (TAK) frameworks, plugins, and services. Continue developing a solution to utilize common and enterprise services in all Computing Environments. Continue development for integration and direct machine interfaces to emerging Artificial Intelligence assisted decision making aids to leverage the Air Space Total Awareness for Rapid Tactical Execution (ASTARTE) technology. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to reprioritization to other Next Generation Command and Control (NGC2) priorities.			
Accomplishments/Planned Programs Subtotals	1.093	0.982	-

	FY 2024	FY 2025
Congressional Add: Congressional Add Program Increase Integrated Mission Planning and Aviation Control Tools (IMPACT)	10.000	-
FY 2024 Accomplishments: TAIS Common Operating Environment (COE) convergence to Integrated Mission Planning and Airspace Control Tools (IMPACT) 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 Next Generation Command and Control (NGC2), 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 (CE), Mounted CE, and Mobile/Handheld CE and will extend AC services to the tactical edge.		

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604633A / *Air Traffic Control*	**Project (Number/Name)** 586 / *Air Traffic Control*

	FY 2024	FY 2025
TAIS/IMPACT will leverage Air Space Total Awareness for Rapid Tactical Execution (ASTARTE) technology. ASTARTE provides artificial intelligence and machine learning algorithms which will allow IMPACT to achieve more rapid synchronization of airspace planning and dynamic execution. This will enable commanders to maximize airspace usage, increase freedom of maneuver in the 3rd dimension, enhance safety and fratricide prevention, and enable seamless integration / deconfliction of fires and aviation operations in highly congested and complex environments during Large Scale Combat Operations (LSCO).		
Congressional Adds Subtotals	10.000	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• AA0050: *Air Traffic Control*	19.216	27.428	24.213	-	24.213	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

This project is comprised of multiple systems supporting ATC development and test efforts. While the detailed acquisition strategy varies by program, the general strategy for each program is to complete development and testing efforts through contract modifications, engineering service tasks, and new/follow-on contracts. ATC systems are required to achieve or maintain compliance with civil, military, domestic and international air traffic control and upcoming Next Gen requirements and mandates as well as current aircraft self-reporting transponders.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604633A / *Air Traffic Control*	Project (Number/Name) 586 / *Air Traffic Control*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
IMPACT Software Development	SS/T&M	General Dynamics C4S : Huntsville, AL	48.095	0.796	Mar 2024	0.939	Jul 2025	-		-		-	0.000	49.830	-
IMPACT Cyber/CTSF Testing	MIPR	Redstone Test Center/CCDC : Redstone Arsenal, AL	0.402	0.297	Jan 2024	0.043	Jan 2024	-		-		-	0.000	0.742	-
Congressional Add Program Increase IMPACT Software Development	SS/T&M	General Dynamics C4S : Huntsville, AL	-	10.000	Dec 2024	-		-		-		-	0.000	10.000	-
		Subtotal	48.497	11.093		0.982		-		-		-	0.000	60.572	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	48.497	11.093		0.982		-		-		-	0.000	60.572	N/A

Remarks

PM: Program Management
TAIS: Tactical Airspace Integration System

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604633A / *Air Traffic Control*	**Project (Number/Name)** 586 / *Air Traffic Control*

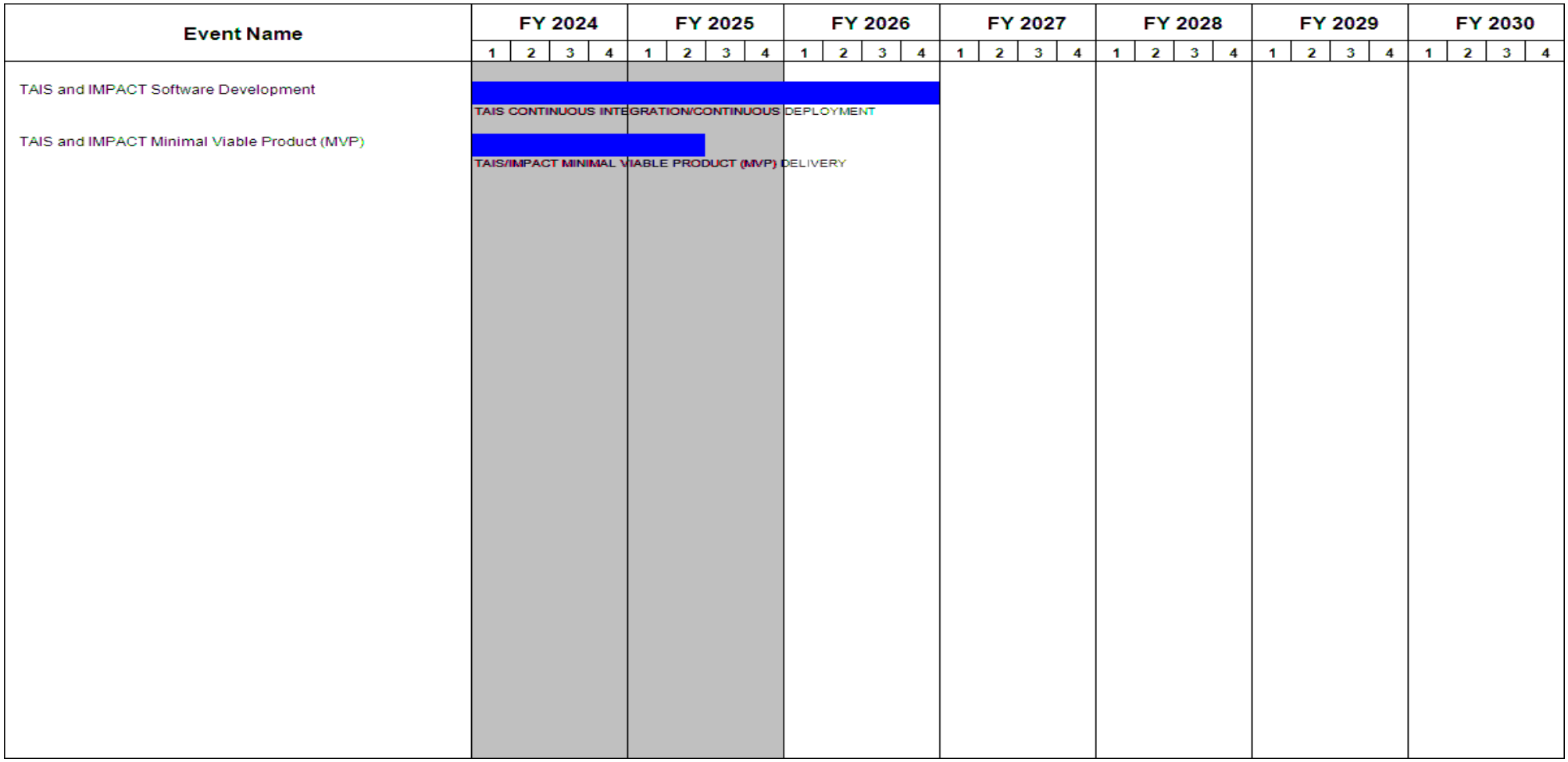


Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604633A / *Air Traffic Control*	**Project (Number/Name)** 586 / *Air Traffic Control*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
TAIS and IMPACT Software Development	1	2022	4	2026
TAIS and IMPACT Minimal Viable Product (MVP)	1	2024	2	2025

Note

TAIS: Tactical Airspace Integration System

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
Total Program Element	-	136.937	92.540	-	-	0.000	-	-	-	-	-	-
CF5: *Robotic Combat Vehicle (BA5) NGCV-CFT*	-	136.937	92.540	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This funding line is directly aligned to the Next Generation Combat Vehicle Army Modernization Priority. The Robotic Combat Vehicle (RCV) is a transformational capability that will forever change ground maneuver warfare. The RCV enables commanders to dictate the terms of the first human engagement by leveraging the RCV to shape and degrade threats across the multi-domain battlefield. The RCV will operate as a system of systems including a Manned Control Vehicle (MCV) outfitted with multiple Control Stations and unmanned RCV platforms outfitted with Modular Mission Payloads (MMPS) that commanders can tailor to their mission requirements.

The Robotic Combat Vehicle (RCV) Middle Tier Acquisition-Rapid Prototype (MTA-RP) program was funded through RDT&E appropriation via lines 643645EV7, 644107CF4 and 654641CF5. The total investment of the program prior to Army Transformation Initiative (ATI) Executive Order (EXORD) directing to cease development of RCV Hardware was $225M Base-Year 2025 (BY25) dollars. Future development efforts focused on Software Pathway (SWP), as well as autonomous and unmanned system initiatives, will be funded under RDT&E lines 644017FD9 and 655053FB3.

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	142.125	92.540	140.898	-	140.898
Current President's Budget	136.937	92.540	0.000	-	0.000
Total Adjustments	-5.188	0.000	-140.898	-	-140.898
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-5.188	-			
• Adjustments to Budget Years	-	-	-140.898	-	-140.898

Change Summary Explanation

Decrease in FY 2026 funding is due to the termination of the RCV MTA-RP and the consolidation of ATI projects to PE 0605053A / Ground Robotics, Project FB3.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	Project (Number/Name) CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
CF5: *Robotic Combat Vehicle (BA5) NGCV-CFT*	-	136.937	92.540	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This funding line is directly aligned to the Next Generation Combat Vehicle Army Modernization Priority. The Robotic Combat Vehicle (RCV) is a transformational capability that will forever change ground maneuver warfare. The RCV enables commanders to dictate the terms of the first human engagement by leveraging the RCV to shape and degrade threats across the multi-domain battlefield. The RCV will operate as a system of systems including a Manned Control Vehicle (MCV) outfitted with multiple Control Stations and unmanned RCV platforms outfitted with Modular Mission Payloads (MMPS) that commanders can tailor to their mission requirements.

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: RCV Surrogate Prototypes (SP) - Product Development ***Description:*** Develop and enhance Surrogate Prototypes (SPs), integrating software updates from the SWP program, safety and perception sensor improvements, and increased reliability. This includes engineering support for hardware/software updates, on-site Field Service Representative support, New Equipment Training for all SP testing phases, and spare parts for operational pilots and modeling and simulation efforts.	20.982	-	-
Title: RCV Surrogate Prototypes (SP) - Government Test & Evaluation (T&E) ***Description:*** Government Test and Evaluation (T&E) includes Surrogate Prototype (SP) safety testing, developmental testing, and execution of operational pilots to solicit feedback on new capabilities, inform doctrine and tactics, techniques, and procedures (TTP) refinement for robotic and autonomous systems (RAS), inform a force design decision, validate user requirements, and aid in determination of SP architectures and technologies ready for incorporation into the PRP.	8.282	-	-
Title: RCV Production Representative Prototype (PRP) - Product Development ***Description:*** Engineering design, development, and acquisition of PRP and prototype Manned Control Vehicles (MCVs). Additionally, FSP Product Development includes the integration of Government directed equipment and software architecture development to support integration of vehicle software payloads, early assessments to guide product development, and technical	0.553	75.381	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
support to Government Test and Evaluation (T&E) activities. Lastly, logistics data development and supportability design factors to manage the Integrated Logistics Support (ILS) and influence design and reduce logistics footprint. ***FY 2025 Plans:*** Supports the conclusion of Phase I PRP and transition to Phase II down select to a single vendor contract award for the production representative prototype builds, delivering nine (9) RCV PRPs and Operator Control Units (OCU) for integration onto the control vehicles with options to procure more. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the consolidation of Army Transformation Initiatives to PE 0605053A / Ground Robotics, Project FB3.			
Title: RCV Production Representative Prototype (PRP) - Government Test & Evaluation (T&E) ***Description:*** Production Representative Prototype (PRP) - Government Test & Evaluation (T&E) includes all test activities performed at Army Test and Evaluation Center (ATEC) test sites to evaluate RCV PRP system, sub-system, component for safety, performance, effectiveness, and suitability.	3.150	-	-
Title: RCV Production Representative Prototype (PRP) - Selection Evaluation Board (SEB) ***Description:*** Selection Evaluation Board (SSEB) activities to down select to a single vendor for PRP prototype builds. SSEB expenditures include salaries, training, travel, supplies, facilities, and equipment. ***FY 2025 Plans:*** In FY 2025, a Selection Evaluation Board (SEB) will conclude to down select from the four (4) vendors to a single vendor for continued development and PRP prototype builds. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the consolidation of Army Transformation Initiatives to PE 0605053A / Ground Robotics, Project FB3.	0.741	0.449	-
Title: Software Acquisition Pathway (SWP) - Capability Release (CR) Development and Integration ***Description:*** Software Acquisition Pathway (SWP) Capability Release Development and Integration focuses on Robotic Combat Vehicle embedded software development, to include developing and integrating autonomous mobility software, control station software, payload control software, software reliability, and cyber and spectrum resiliency. The SWP program will deliver annual software CRs through a combination of Systems Integration Laboratory (SIL) for live and virtual software testing, as well as integrated onto representative and/or production RCV platforms with the support of a Software System Integrator (SWSI).	34.018	4.020	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2025 Plans: Deliver CR1 for integration into the ongoing hardware efforts. CR1 will incorporate feedback from the prior operational pilots, improved safety and cyber resiliency, and contain expanded autonomous capabilities developed by the Government and Industry, to include autonomous mobility across multiple environments and terrains. Support further Autonomy Vehicle (AV) experimentation. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the consolidation of Army Transformation Initiatives to PE 0605053A / Ground Robotics, Project FB3.			
Title: Software Acquisition Pathway (SWP) - Autonomy Development ***Description:*** Development of software and hardware to enable RCV autonomy across a spectrum of use cases, to include marked, on-road surfaces, unmarked surfaces, and multiple terrains. RCV Autonomous Mobility software and hardware capabilities will be successively integrated into future SWP Capability Releases. ***FY 2025 Plans:*** Continuing to develop hardware and software in support of autonomy with emphasis on the development of multiple on and off-road use cases that allows for system utility in diverse military environments. The RCV autonomous software and hardware will be integrated into demonstration vehicles to evaluate the autonomous system development. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the consolidation of Army Transformation Initiatives to PE 0605053A / Ground Robotics, Project FB3.	44.034	2.834	-
Title: Software Acquisition Pathway (SWP) - DevSecOps Pipeline Development, Software Integration Lab (SIL) Support, and Data Management Support ***Description:*** The RCV Software Acquisition Pathway program will develop and mature a cloud based DevSecOps pipeline to enable simulation and evaluation of the performance and security of both expanding RCV autonomous capabilities and existing Government and Commercial autonomous software. Additionally, the RCV SWP program will develop a SIL and pipeline management tool to augment testing of autonomous software and hardware and reduce technical risk. ***FY 2025 Plans:*** Continued development of a DevSecOps Data Management Pipeline to enable current and future assessment of RCV Autonomous Mobility and safety architecture software. Simulated environments will be developed to test the RCV software, concentrating on performance assessment of off-road capabilities. Efforts include SIL operation and data pipeline management	12.793	0.550	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
support to RCV autonomous software developers to enable effective scaling of data labeling necessary to iteratively incorporate increasing capabilities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the consolidation of Army Transformation Initiatives to PE 0605053A / Ground Robotics, Project FB3.			
Title: RCV Development - Government Program Management ***Description:*** Government Program Management to RCV development programs. Includes salaries, travel, training, supplies, facilities, and equipment. ***FY 2025 Plans:*** Activities include Government engineering, financial management, acquisition planning, risk assessment and mitigation, contract preparation, and operations support necessary for the RCV development. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the consolidation of Army Transformation Initiatives to PE 0605053A / Ground Robotics, Project FB3.	12.384	9.306	-
Accomplishments/Planned Programs Subtotals	136.937	92.540	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• 0604017A: *Robotics Development*	2.912	13.039	35.082	-	35.082	-	-	-	-	-	-

Remarks

RCV development and Software Acquisition Pathway (SWP) efforts are continuations of efforts from program element 0604017A/Robotics Development, Project CF4: Robotic Combat Vehicle (RCV). FY 2024-2029 funding in program element 0604017A/Robotics Development is not associated with the RCV program.

D. Acquisition Strategy

The Robotic Combat Vehicle (RCV) is a single vehicle variant. RCV development includes RCV Middle-Tier Acquisition (MTA) Rapid Prototyping and Rapid Fielding programs as well as a Software Acquisition Pathway (SWP) program.

RCV Acquisition Strategy:
On 10 February 2022, the Army Acquisition Executive (AAE) approved the execution of RCV Rapid Prototyping program under authorities granted under Section 804 of the 2016 NDAA (PL 114-92).

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

The RCV Middle-Tier Acquisition (MTA) occurring between February 2022 and February 2027 will include a Rapid Prototyping (RP) effort that informs a planned transition to a Rapid Fielding (RF) effort with Low-Rate Initial Production (LRIP) at MTA-RP Outcome Determination targeted for February 2027. To maximize competition, the Product Management Office (PdMO) held extensive industry engagements prior to release of an Other Transaction Authority (OTA) Request for Prototype Proposal (RPP) on 29 March 2023 to potential Project Agreement Holders (PAHs). The RPP included Modular Open Systems Approach (MOSA) and Government Furnished Information (GFI) that defined modularity and architecture requirements to which the Full-System Prototypes (FSPs) had to adhere. The PAHs then delivered the RCV platform integrated with the requisite payloads. RPP competition was a two-stage down select. The first stage (Phase 1) was a paper down select from seven (7) proposed offerors to four (4) PAHs. Each of the four (4) PAHs delivered two (2) platform Full-System Prototypes (FSPs).

The RCV MTA-RP was terminated by the AAE in May 2025 prior to award of the Phase II contract.

Software Acquisition Pathway (SWP) Acquisition Strategy:
The SWP Acquisition Decision Memorandum (ADM), signed 3 August 2021, directs the use of the draft Cross Functional Team (CFT) Next Generation Combat Vehicle (NGCV) Robotic and Optionally Manned Autonomous (ROMA) Capabilities Needs Statement (CNS) as the base user capabilities document from which to derive capabilities for the RCV SWP. The RCV SWP will provide both government furnished, and industry obtained software to the RCV System of Systems. The RCV SWP will implement a Government - Contractor hybrid development approach to mature, integrate, and secure software capabilities from the science and technology base. The RCV SWP will incorporate software contracting best practices to support the transition of software capabilities into secure code base required for the resilient operation of RCVs in contested environments. On 25 January 2023, the AAE approved Software Acquisition Pathway entrance into the Execution Phase. SWP will provide a Software System Integrator (SWSI), comprised of both government and industry expertise, to establish and manage a government owned Continuous Integration Environment (CIE); and supporting requirements, integration, and testing of software module providers? that exist within the RCV System of Systems.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	Project (Number/Name) CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
RCV Program Management	Various	Various : Warren, MI; Various	12.384	12.384	Nov 2023	9.306	Nov 2024	-		-		-	0.000	34.074	-
		Subtotal	12.384	12.384		9.306		-		-		-	0.000	34.074	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
RCV Surrogate Prototypes (SP) - Product Development	Various	GVSC; Various : Warren, MI; Various	26.190	20.982	Nov 2023	-		-		-		-	0.000	47.172	-
RCV Surrogate Prototypes (SP) - Refurbishment	SS/FFP	QinetiQ North America : Waltham, MA	5.100	-		-		-		-		-	0.000	5.100	-
RCV Production Representative Prototype (PRP) - Product Development	C/FFP	Oshkosh Defense, LLC; General Dynamics Land Systems; Textron Systems Corporation; McQ Inc : Various	26.272	0.553	Apr 2024	75.381	Feb 2025	-		-		-	0.000	102.206	-
Software Acquisition Pathway (SWP) - Capability Release (CR) Development and Integration	Various	GVSC; Various, TBD : Warren, MI; Various, TBD	5.119	34.018	Nov 2023	4.020	May 2025	-		-		-	0.000	43.157	-
Software Acquisition Pathway (SWP) - Autonomy Development	SS/FFP	Kodiak; Overland AI; Forterra (Formerly RRAI) : Mountain View, CA; TBD	18.717	44.034	May 2024	2.834	Jan 2025	-		-		-	0.000	65.585	-
Software Acquisition Pathway (SWP) - DevSecOps, SIL Support	SS/FFP	Applied Intuition, Scale AI : MountainView, CA; San Fransisco, CA	12.120	12.793	May 2024	0.550	Jan 2025	-		-		-	0.000	25.463	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	Project (Number/Name) CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
and Data Management Support															
		Subtotal	93.518	112.380		82.785		-		-		-	0.000	288.683	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
RCV Production Representative Prototype (PRP) - Selection Evaluation Board (SEB)	MIPR	Various : Warren, MI	0.600	0.741	Nov 2023	0.449	Oct 2024	-		-		-	0.000	1.790	-
		Subtotal	0.600	0.741		0.449		-		-		-	0.000	1.790	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
RCV Surrogate Prototypes (SP) - Government Test & Evaluation (T&E)	MIPR	ATEC; Various : Aberdeen, MD; Various	5.315	8.282	Jan 2024	-		-		-		-	0.000	13.597	-
RCV Production Representative Prototype (PRP) - Government Test & Evaluation (T&E)	MIPR	ATEC : Aberdeen, MD	-	3.150	Oct 2023	-		-		-		-	0.000	3.150	-
		Subtotal	5.315	11.432		-		-		-		-	0.000	16.747	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	111.817	136.937		92.540		-		-		-	0.000	341.294	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

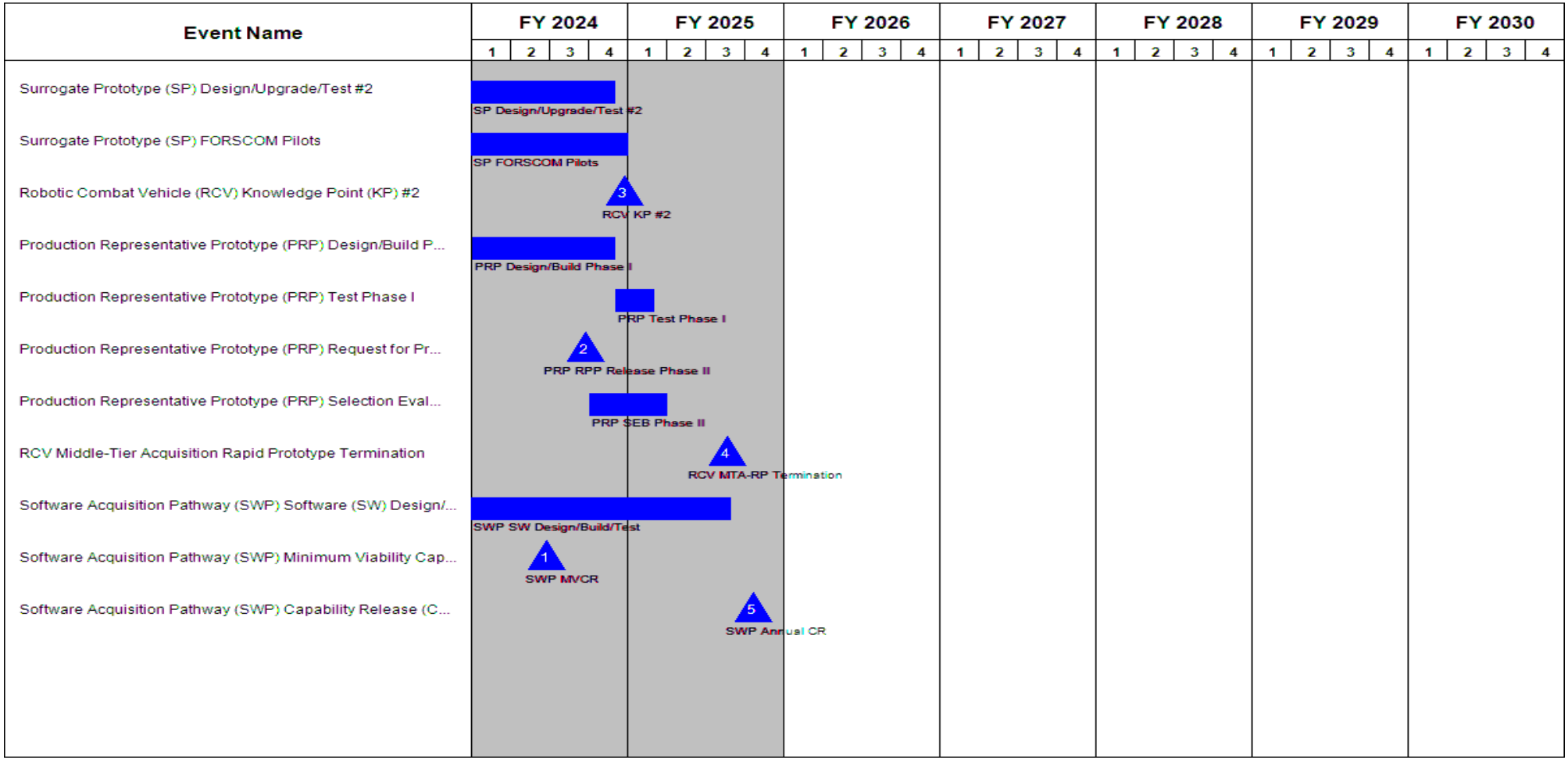

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
DEVCOM Experimental Prototype Build	1	2021	2	2021
DEVCOM Experimental Prototype Testing	3	2021	3	2022
Soldier Operational Experiment (SOE) II	3	2022	4	2022
Surrogate Prototype (SP) OTA Contract Development/Modification	2	2021	4	2021
Surrogate Prototype (SP) Contract Build #1	4	2021	4	2021
Surrogate Prototype (SP) Design/Build	4	2021	4	2023
Middle-Tier Acquisition Rapid Prototyping (MTA-RP) Start	2	2022	2	2022
Surrogate Prototype (SP) Design/Upgrade/Test #2	2	2023	4	2024
Surrogate Prototype (SP) FORSCOM Pilots	4	2023	4	2024
Robotic Combat Vehicle (RCV) Knowledge Point (KP) #1	4	2023	4	2023
Robotic Combat Vehicle (RCV) Knowledge Point (KP) #2	4	2024	4	2024
Production Representative Prototype (PRP) Solicitation Development	1	2023	3	2023
Production Representative Prototype (PRP) Request for Prototype Proposal (RPP) Release Phase I	2	2023	2	2023
Production Representative Prototype (PRP) Selection Evaluation Board (SEB) Phase I	3	2023	4	2023
Production Representative Prototype (PRP) Prototype Contract Award (CA) Phase I	4	2023	4	2023
Production Representative Prototype (PRP) Design/Build Phase I	1	2024	4	2024
Production Representative Prototype (PRP) Test Phase I	4	2024	1	2025
Production Representative Prototype (PRP) Request for Prototype Proposal (RPP) Release Phase II	3	2024	3	2024
Production Representative Prototype (PRP) Selection Evaluation Board (SEB) Phase II	4	2024	1	2025
RCV Middle-Tier Acquisition Rapid Prototype Termination	3	2025	3	2025
Software Acquisition Pathway (SWP) Planning Phase	3	2021	2	2023

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604641A / *Tactical Unmanned Ground Vehicle (TUGV)*	**Project (Number/Name)** CF5 / *Robotic Combat Vehicle (BA5) NGCV-CFT*

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Software Acquisition Pathway (SWP) Execution Phase	2	2023	2	2023
Software Acquisition Pathway (SWP) Software (SW) Design/Build/Test	4	2022	3	2025
Software Acquisition Pathway (SWP) Minimum Viability Capability Release (MVCR)	2	2024	2	2024
Software Acquisition Pathway (SWP) Capability Release (CR) #1	4	2025	4	2025

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604642A *I Light Tactical Wheeled Vehicles*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	3.394	3.000	-	-	0.000	-	-	-	-	-	-
E40: *LTV Prototype*	-	3.394	3.000	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Army's High Mobility Multipurpose Vehicle (HMMWV) is a lightweight, high performance four-wheel drive, air transportable and air droppable family of tactical vehicles. The vehicle comes armored and unarmored with several different configurations: Command and Control; Cargo/Shelter Carrier; Weapons Carrier and Ambulance and is capable of performing multiple mission roles for personnel and payloads across the full spectrum of military operations.

HMMWV Occupancy Protection supports an All Belts to Seats (ABTS) effort which would mitigate occupant injuries during rollover events, integrate air bags/air belts, and significantly minimize head contact with the roof and doors.

Efforts within the Program Element includes Infantry Squad Vehicle (ISV), and HMMWV Occupancy Protection.

The Army Infantry Squad Vehicle (ISV), through enhanced tactical mobility, will motorize the Brigade Combat Teams (BCT's) and the 75th Ranger Regiment with their associated equipment to move quickly around the battlefield. This capability is required across the range of military operations conducting crisis response, initial entry, and selected decisive action missions. ISV deploys worldwide by sea, air, and land modes to support strategic deployment and operational maneuver in accordance with Army and Joint doctrine. This capability provides flexibility for entry operations (permissive and non-permissive) to counter threat anti-access strategies by using multiple austere entry points to bring in combined arms configured units.

ISV enables infantry squad to operate dispersed and cover greater distances that will achieve positions of advantage and enables platoons and companies to transport and power enabling capabilities at the speeds, distances, and survivability required to support ISV enabled infantry squads and other supporting mission payloads. The ISV enables charging of critical capabilities through increased export power, pushing forward of Class I&V resupply, and enabling CASEVAC.

Supports modernization of the current Wheeled Vehicle fleets by investigating technology insertions including, but not limited to: predictive logistics, vetronics, Victory Architecture, autonomous operations and other emerging technologies and variants. Funding also supports developing initial prototypes to enable refinement of Operational Requirements and early user feedback to support future sustainment and operational movement operating concepts.

PE 06044642A has no FY26 funding request.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604642A *I Light Tactical Wheeled Vehicles*

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	53.564	100.257	56.175	-	56.175
Current President's Budget	3.394	3.000	0.000	-	0.000
Total Adjustments	-50.170	-97.257	-56.175	-	-56.175
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-43.700	-100.257			
• Congressional Rescissions	-	-			
• Congressional Adds	-	3.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-6.110	-			
• SBIR/STTR Transfer	-0.360	-			
• Adjustments to Budget Years	-	-	-56.175	-	-56.175

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Project: E40: *LTV Prototype*		
Congressional Add: *HMMWV Occupancy Protection - STS WD*	-	3.000
Congressional Add Subtotals for Project: E40	-	3.000
Congressional Add Totals for all Projects	-	3.000

Change Summary Explanation

Funding decrease in FY 2026 from the previous PB to the current PB reflects reprioritization of resources across the Army portfolio. $56.175 million decrease accounts for reductions of $10.390 million for electric Light Reconnaissance Vehicle (eLRV) and $45.785 million for HMMWV Hybrid.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604642A / *Light Tactical Wheeled Vehicles*	Project (Number/Name) E40 / *LTV Prototype*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
E40: *LTV Prototype*	-	3.394	3.000	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Army's High Mobility Multipurpose Vehicle (HMMWV) is a lightweight, high performance four-wheel drive, air transportable and air droppable family of tactical vehicles. The vehicle comes armored and unarmored with several different configurations: Command and Control; Cargo/Shelter Carrier; Weapons Carrier and Ambulance and is capable of performing multiple mission roles for personnel and payloads across the full spectrum of military operations.

HMMWV Occupancy Protection supports an All Belts to Seats (ABTS) effort which would mitigate occupant injuries during rollover events, integrate air bags/air belts, and significantly minimize head contact with the roof and doors.

Efforts within the Program Element includes Infantry Squad Vehicle (ISV), and HMMWV Occupancy Protection.

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ISV enables infantry squad to operate dispersed and cover greater distances that will achieve positions of advantage and enables platoons and companies to transport and power enabling capabilities at the speeds, distances, and survivability required to support ISV enabled infantry squads and other supporting mission payloads. The ISV enables charging of critical capabilities through increased export power, pushing forward of Class I&V resupply, and enabling CASEVAC.

Supports modernization of the current Wheeled Vehicle fleets by investigating technology insertions including, but not limited to: predictive logistics, vetronics, Victory Architecture, autonomous operations and other emerging technologies and variants. Funding also supports developing initial prototypes to enable refinement of Operational Requirements and early user feedback to support future sustainment and operational movement operating concepts.

PE 06044642A has no FY26 funding request.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: ISV System Enhancements	2.966	-	-
Description: Funding is provided for Infantry Squad Vehicle (ISV) System Enhancements, kit and integration efforts.			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604642A / *Light Tactical Wheeled Vehicles*	**Project (Number/Name)** E40 / *LTV Prototype*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: ISV Testing ***Description:*** Testing of ISV	0.242	-	-
Title: HMMWV HEV Government Management Support ***Description:*** Funding is provided for HMMWV HEV government management support.	0.186	-	-
Accomplishments/Planned Programs Subtotals	3.394	-	-

	FY 2024	FY 2025
Congressional Add: HMMWV Occupancy Protection - STS WD ***FY 2025 Plans:*** HMMWV Occupancy Protection - STS Work Directive	-	3.000
Congressional Adds Subtotals	-	3.000

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• D15505: *Ground Mobility Vehicles (Light) GMV (L)*	97.865	44.407	308.620	-	308.620	-	-	-	-	-	-
• D15402: *TRUCK UTILITY HEAVY VARIANT 10000 LB GUW*	25.904	55.265	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Infantry Squad Vehicle (ISV): A firm fixed priced production contract was awarded to General Motors Defense (GMD) on 26 June 2020 following successful prototype determination and findings from the ISV Other Transaction Authority (OTA). Army Requirements Oversight Council Memorandum (AROCM) 25-09 (30 Apr 2025) Approved the ISV Capability Development Document Update (CDD-U), Infantry Squad Vehicle Utility (ISV- U) annex, APO increase to 5,733, and Army Acquisition Objective (AAO) increase to 9,282.

Transform in Contact Fragmentary Orders (FRAGOs) provide requirements to support additional capabilities including the 25 Infantry Division Artillery (DIVARTY) with ISV-U 120MM Mortar carrier variant no later than (NTL) Sep 2025 to enable Chief of Staff of the Army (CSA) approved DIVARTY warfighting experimentation.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604642A / *Light Tactical Wheeled Vehicles*	**Project (Number/Name)** E40 / *LTV Prototype*

HMMWV Occupancy Protection: Product Director Light Tactical Vehicle (PD LTV) plans to award a STS work directive for Phase II All Belts to Seats (ABTS) on current STS contract. The work directive will complete additional testing and process an Engineering Change Proposal (ECP) based on the ABTS design developed and tested under the Phase I Task Order.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604642A / *Light Tactical Wheeled Vehicles*	Project (Number/Name) E40 / *LTV Prototype*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ISV System Enhancements	Various	General Motor Defense (GM-D) : Various	-	2.966	Jun 2025	-		-		-		-	0.000	2.966	-
HMMWV Occupancy Protection - STS WD	SS/CPFF	AM General : TBD	-	-		3.000	Sep 2025	-		-		-	0.000	3.000	-
		Subtotal	-	2.966		3.000		-		-		-	0.000	5.966	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
HMMWV Hybrid Government Management Support	Various	PM OFFICE : SELFRIDGE	-	0.186	Jul 2024	-		-		-		-	0.000	0.186	-
		Subtotal	-	0.186		-		-		-		-	0.000	0.186	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ISV Testing	MIPR	Various : Various	-	0.242	May 2024	-		-		-		-	0.000	0.242	-
		Subtotal	-	0.242		-		-		-		-	0.000	0.242	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	3.394		3.000		-		-		-	0.000	6.394	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604642A / *Light Tactical Wheeled Vehicles*	**Project (Number/Name)** E40 / *LTV Prototype*

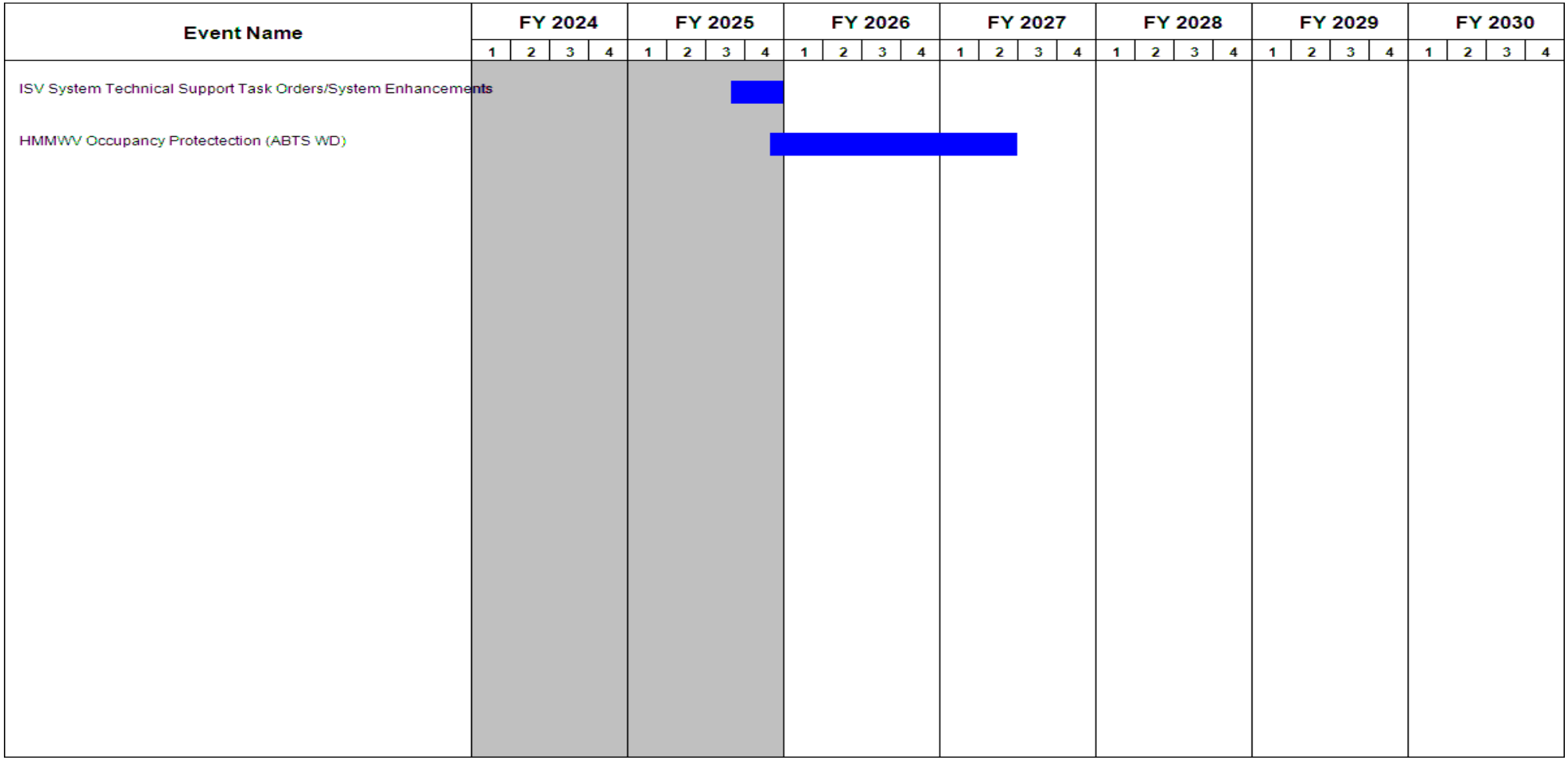

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604642A / *Light Tactical Wheeled Vehicles*	**Project (Number/Name)** E40 / *LTV Prototype*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
ISV System Technical Support Task Orders/System Enhancements	3	2025	4	2025
HMMWV Occupancy Protectection (ABTS WD)	4	2025	2	2027

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604645A *I Armored Systems Modernization (ASM) - Eng Dev*

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
Total Program Element	-	95.580	48.097	16.593	-	16.593	-	-	-	-	-	-
EV8: *Mobile Protected Firepower*	-	95.580	48.097	16.593	-	16.593	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Infantry Brigade Combat Teams (IBCTs) currently lack the mobile, protected firepower capability necessary to defeat enemy prepared positions, destroy enemy armored vehicles, close with the enemy through fire and maneuver, and ensure freedom of maneuver and action in close contact with the enemy. The M10 Booker (formerly, Mobile Protected Firepower (MPF)) will provide the Army's IBCTs a protected, long range, precision direct-fire capability to ensure freedom of movement during offensive operations and defeat attacking enemy during defensive operations.

The FY 2026 request was reduced by $0.394 million for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	102.201	48.097	17.033	-	17.033
Current President's Budget	95.580	48.097	16.593	-	16.593
Total Adjustments	-6.621	0.000	-0.440	-	-0.440
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-3.000	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-3.621	-			
• Adjustments to Budget Years	-	-	-0.440	-	-0.440

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	Project (Number/Name) EV8 / *Mobile Protected Firepower*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
EV8: *Mobile Protected Firepower*	-	95.580	48.097	16.593	-	16.593	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Infantry Brigade Combat Teams (IBCTs) currently lack the mobile, protected firepower capability necessary to defeat enemy prepared positions, destroy enemy armored vehicles, close with the enemy through fire and maneuver, and ensure freedom of maneuver and action in close contact with the enemy. The M10 Booker (formerly, Mobile Protected Firepower (MPF)) will provide the Army's IBCTs a protected, long range, precision direct-fire capability to ensure freedom of movement during offensive operations and defeat attacking enemy during defensive operations.

As a result of the Army Transformation Initiative (ATI) EXORD, the Army has given direction to cease procurement of M10 Booker and inactivated all M10 Booker Battalions.

FY 2026 Base RDTE funds in the amount of $16.593 million will be utilized for contract close-out and realigned to Army Transformation Initiative priorities.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Product Development - Low-Rate Initial Production (LRIP) Phase Logistics Products ***Description:*** M10 Booker LRIP logistics development includes updating technical manuals and training materials, verifying field-level supportability by Soldier maintainers, refining National/Depot Maintenance Work Requirements (NMWR/DMWR), provisioning spare parts, and managing the Integrated Logistics Support (ILS) program. ***FY 2025 Plans:*** FY 2025 activities include completion of procedures ensuring the safety, suitability, and supportability of the M10 Booker prior to fielding, verification of field-level/depot-level supportability tasks, and completion of operator/maintainer training materials. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease is due to conclusion of development efforts required as a result of the Army Transformation Initiative EXORD direction to inactivate planned M10 Booker battalions.	11.296	1.241	-
Title: Product Development - LRIP Phase Contractor Technical Support to Government Test ***Description:*** Contractor technical support includes specialized assistance to Government performance and operational testing of the M10 Booker, engineering analysis and correction of test incidents, test asset refurbishment, and initiation of design changes based on Soldier feedback and emerging test results.	37.375	16.161	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2025 Plans: FY 2025 activities include contractor technical support to the conclusion of M10 Booker performance and operational testing, the refurbishment of test assets, continued engineering analysis and correction of test incidents, and requirements development for design changes emerging from testing and Soldier feedback. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to reduced contractor technical support requirements resulting from the completion of Government testing in FY 2025.			
Title: Prototype Upgrade to Low-Rate Initial Production (LRIP) Configuration ***Description:*** After a successful Milestone C, eight (8) prototype vehicles will be updated to the initial LRIP configuration to support LRIP phase survivability testing, logistics products development, and implementation of design changes driven by Production Qualification Testing (PQT) and Initial Operational Test and Evaluation (IOT&E). Upgrading M10 Booker prototypes to LRIP configuration will result in substantial cost avoidance compared with producing additional LRIP vehicles to support test requirements.	2.028	-	-
Title: Government Test and Evaluation (Performance Testing) ***Description:*** During the LRIP phase, the Government is executing performance testing on M10 Booker consisting of survivability testing and Production Qualification Testing (PQT). Performance testing during the LRIP phase will include survivability testing and PQT, which consists of vehicle-level lethality, Reliability and Maintainability (RAM), electromagnetic compatibility and interference testing, environmental performance testing, and cybersecurity testing. Government performance testing assesses the M10 Booker's ability to meet design specifications and required capabilities. ***FY 2025 Plans:*** Activities include conclusion of PQT at Yuma Test Center (YTC), Aberdeen Test Center (ATC), White Sands Missile Range (WSMR), and Cold Regions Test Center (CRTC) and conclusion of survivability testing. Conclusion of these performance test activities support the M10 Booker Full Rate Production decision. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due completion of Government performance testing in FY 2025.	15.450	14.842	-
Title: Government Test and Evaluation (Operational Testing) ***Description:*** During Low-Rate Initial Production (LRIP) phase, the Government will execute a Company-Level Initial Operational Test and Evaluation (IOT&E). The IOT&E activities began in FY 2024 and will conclude in FY 2025.	8.359	9.030	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2025 Plans: Activities include conduct and conclusion of the M10 Booker IOT&E at Fort Bragg and Fort Stewart and authoring of the final report concerning the operational effectiveness of the M10 Booker. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the expected completion of operational test activities in FY 2025.			
Title: Training Aids and Devices Development ***Description:*** Development of training aids and devices will facilitate Soldier instruction of M10 Booker operations and maintenance. Specific devices include development of a Gunnery Training System and development of a suite of devices to train vehicle maintenance. ***FY 2025 Plans:*** FY 2025 activities include continued development of the M10 Booker Gunnery Training System and continued requirements development for the suite of devices which will train vehicle maintenance, such as Diagnostic Troubleshooting Trainers (DTT) and Hands On Trainers (HOT). ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease is due to conclusion of development efforts required as a result of the Army Transformation Initiative EXORD direction to inactivate planned M10 Booker battalions.	12.362	0.874	-
Title: Government Engineering and Project Management ***Description:*** Includes all necessary costs (salaries, travel, training, supplies, facilities, equipment, and support contractors) for Government program management and system engineering support necessary to manage development of the M10 Booker during the Low-Rate Initial Production (LRIP) phase. ***FY 2025 Plans:*** Includes all necessary Government program managment and system engineering support to continue engineering, logistics, product assurance and test, financial management, and operations support for M10 Booker LRIP development activities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to the conclusion of LRIP development activities.	8.710	5.949	-
Title: Contract Close-Out (T4C) ***Description:*** Costs associated with the partial Termination of Convenience (T4C), issued 11 June 2025 to GDLS to cease all activities on the M10 Booker program.	-	-	16.593

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2026 Plans: FY 2026 funding will be utilized for contract termination costs. Remaining funding will be realigned to Army Transformation Initiative priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase is due to conclusion of development efforts required as a result of the Army Transformation Initiative EXORD direction to inactivate planned M10 Booker battalions.			
Accomplishments/Planned Programs Subtotals	95.580	48.097	16.593

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• G80820: *M10 BOOKER*	386.635	439.111	64.919	-	64.919	-	-	-	-	-	-

Remarks

Standard Serial Number (SSN) G80820 resources production of the M10 Booker. FY 2022 - FY 2024 resourcing supports M10 Booker Low-Rate Initial Production (LRIP). Resourcing in FY 2025 and beyond supports activities related to the execution of Army EXORD 222-25, the Army Transformation Initiative, which ceased procurement of the M10 Booker and inactivated all M10 Booker Battalions.

D. Acquisition Strategy

The Mobile Protected Firepower (MPF) RFP was issued on 21 November 2017 as a full and open, best value competitive action. On 25 September 2018, the Army Acquisition Executive (AAE) approved the execution of MPF Rapid Prototyping activities under Section 804 of the 2016 National Defense Authorization Act (NDAA) (Public Law 114-92), Middle Tier Acquisition (Rapid Prototyping). The competitive selection process for MPF Rapid Prototyping contracts included the evaluation of written proposals and optional bid samples to provide additional substantiating data for Source Selection Evaluation. On 17 December 2018, two MPF Rapid Prototyping contracts were awarded, one to BAE Systems and the other to General Dynamics Land Systems (GDLS). On 24 June 2022 the MPF program obtained AAE Milestone C approval, and a Low-Rate Initial Production (LRIP) phase contract was awarded to GDLS on 28 June 2022 for continued Logistics Products development, continued Contractor Technical Support to Test, and for the first production order of MPF vehicles. On 10 June 2023, the Army redesignated MPF as the M10 Booker. On 08 May 2025 the Army published EXORD 222-25, the Army Transformation Initiative, which ceased procurement of the M10 Booker and inactivated all M10 Booker Battalions.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	Project (Number/Name) EV8 / *Mobile Protected Firepower*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering and Project Management	MIPR	Various : Warren, MI; Picatinny, NJ	5.893	8.710	Nov 2023	5.949	Nov 2024	-		-		-	0.000	20.552	-
Government Engineering and Project Management (Middle Tier Acquisition Rapid Prototyping Phase)	MIPR	Various : Warren, MI; Picatinny, NJ	53.654	-		-		-		-		-	0.000	53.654	-
		Subtotal	59.547	8.710		5.949		-		-		-	0.000	74.206	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development - LRIP Phase - LRIP Logistics Products	C/FFP	General Dynamics Land Systems (GDLS) : Sterling Heights, MI	11.330	11.296	Oct 2023	1.241	Oct 2024	-		-		-	0.000	23.867	46.429
Product Development - LRIP Phase - LRIP Contractor Technical Support to Government Test	C/FFP	General Dynamics Land Systems (GDLS) : Sterling Heights, MI	4.981	9.829	Oct 2023	12.000	Oct 2024	-		-		-	0.000	26.810	71.472
System Technical Support to Government Testing	SS/CPFF	General Dynamics Land Systems (GDLS) : Sterling Heights, MI	3.284	27.546	Oct 2023	4.161	Nov 2024	-		-		-	0.000	34.991	-
Prototype Upgrade to LRIP Configuration	C/FFP	General Dynamics Land Systems (GDLS) : Sterling Heights, MI	24.278	2.028	Oct 2023	-		-		-		-	0.000	26.306	46.966
Product Development (Middle Tier Acquisition Rapid Prototyping Phase)	C/FFP	General Dynamics Land Systems (GDLS); BAE Systems : Sterling Heights, MI	802.303	-		-		-		-		-	0.000	802.303	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	Project (Number/Name) EV8 / *Mobile Protected Firepower*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	846.176	50.699		17.402		-		-		-	0.000	914.277	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Training Aids and Devices Development	C/CPFF	General Dynamics Land Systems (GDLS) : Sterling Heights, MI	6.667	12.362	Nov 2023	0.874	Jan 2025	-		-		-	0.000	19.903	-
Support Costs (Middle Tier Acquisition Rapid Prototyping Phase)	RO	Various : Warren, MI; Picatinny, NJ	29.771	-		-		-		-		-	0.000	29.771	-
Contract Close-out (T4C)	TBD	TBD : TBD	-	-		-		16.593	Jun 2026	-		16.593	0.000	16.593	-
		Subtotal	36.438	12.362		0.874		16.593		-		16.593	0.000	66.267	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Production Qualification Testing (PQT) at Aberdeen Test Center (ATC) & Army Interoperability Testing	PO	Aberdeen Test Center (ATC); Central Technical Support Facility (CTSF) : Aberdeen, MD; Fort Cavazos, TX	1.705	6.857	Nov 2023	5.133	Nov 2024	-		-		-	0.000	13.695	-
PQT at Yuma Test Center (YTC)	PO	Yuma Test Center (YTC) : Yuma, AZ	0.129	2.031	Feb 2024	1.108	Nov 2024	-		-		-	0.000	3.268	-
PQT at White Sand Missile Range (WSMR)	PO	White Sands Missile Range (WSMR) : White Sands Missile Range, NM	0.096	0.200	Apr 2024	0.580	Nov 2024	-		-		-	0.000	0.876	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	Project (Number/Name) EV8 / *Mobile Protected Firepower*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PQT at Cold Regions Test Center (CRTC)	PO	Cold Regions Test Center : Fort Greely, AK	-	0.341	Sep 2024	1.486	Nov 2024	-		-		-	0.000	1.827	-
Survivability, Lethality, and Full Up System Level (FUSL) Live Fire Testing	PO	Aberdeen Test Center (ATC) : Aberdeen, MD	5.956	5.901	Dec 2023	6.405	Nov 2024	-		-		-	0.000	18.262	-
Data Analysis and Evaluation Support	Various	Combat Capability Development Command - Data Analysis Center (CCDC-DAC), Army Evaluation Center (AEC), Combined Arms Support Command (CASCOM) : Various	0.205	0.120	Nov 2023	0.130	Nov 2024	-		-		-	0.000	0.455	-
Initial Operational Test & Evaluation (IOT&E)	PO	Operational Test Center (OTC) : Fort Cavazos, TX	-	8.359	Jun 2024	9.030	Nov 2024	-		-		-	0.000	17.389	-
Test and Evaluation (Middle Tier Acquisition Rapid Prototyping Phase)	PO	Aberdeen Test Center (ATC); Yuma Test Center (YTC) : Aberdeen, MD; Yuma, AZ	36.712	-		-		-		-		-	0.000	36.712	-
		Subtotal	44.803	23.809		23.872		-		-		-	0.000	92.484	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	986.964	95.580		48.097		16.593		-		16.593	0.000	1,147.234	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

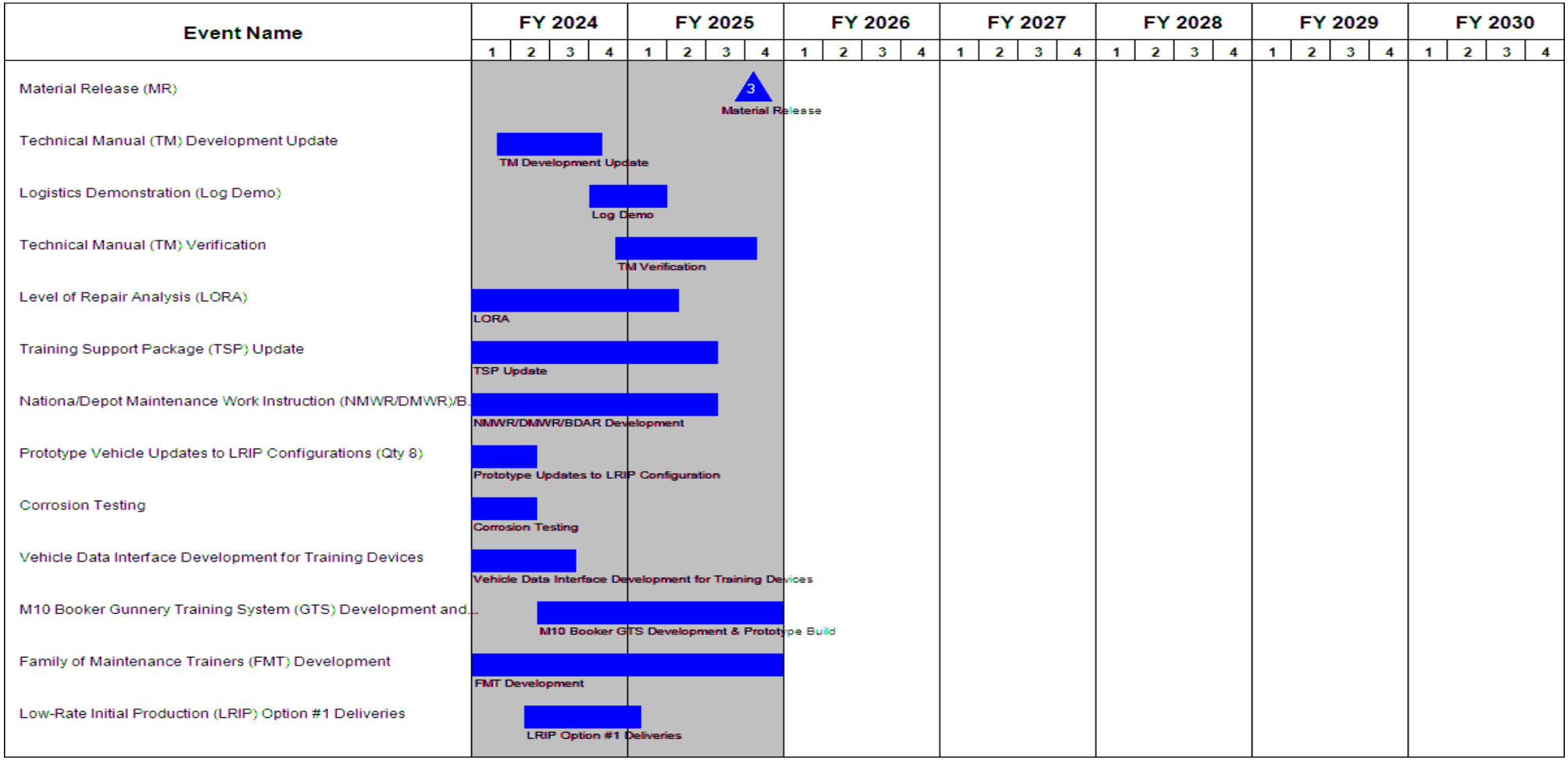

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

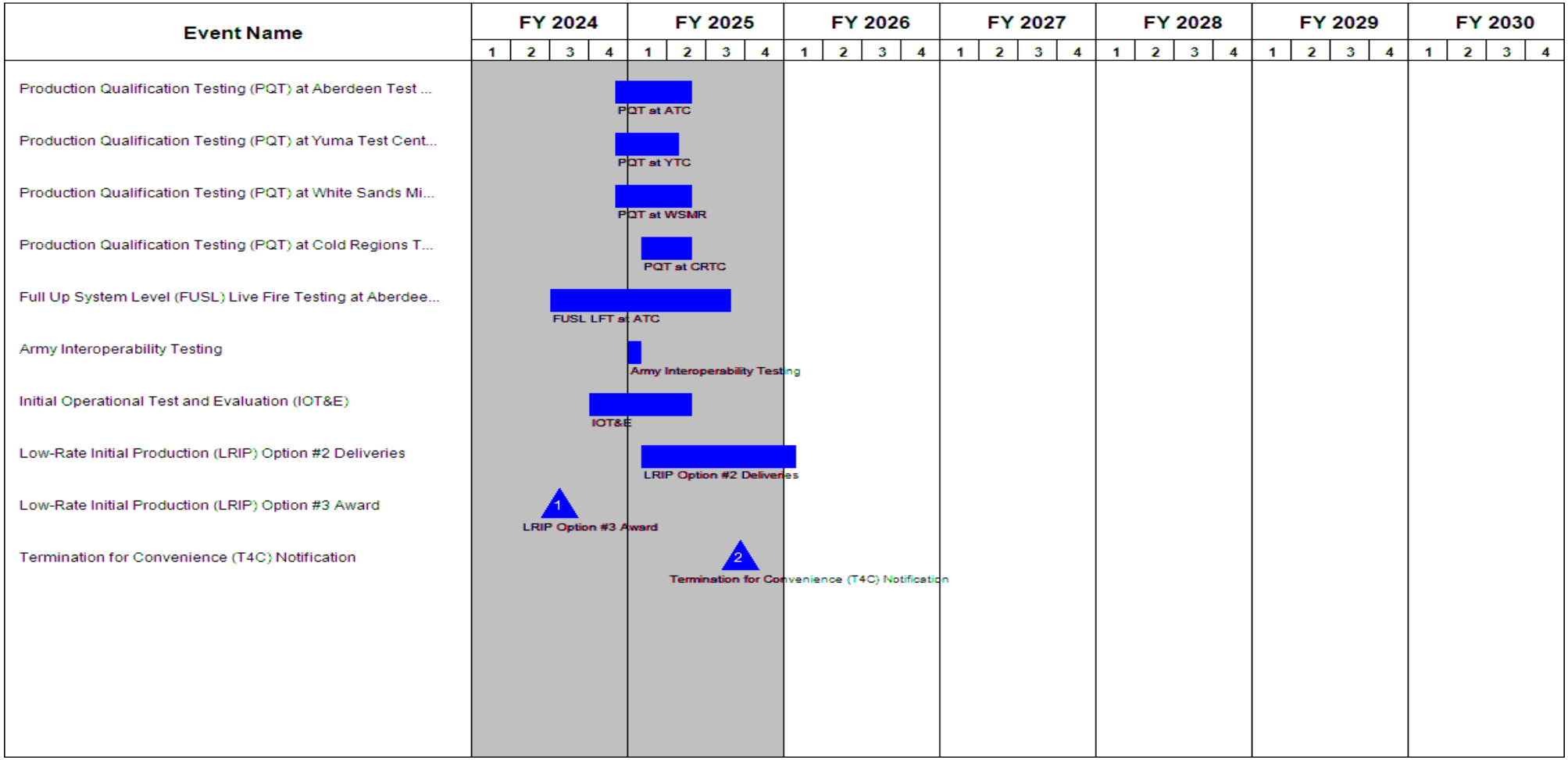

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Section 804 Middle Tier Acquisition (MTA) Rapid Prototyping Designation	4	2018	4	2018
Milestone C (MS C)	3	2022	3	2022
Material Release (MR)	4	2025	4	2025
Request for Proposal (RFP) Release	1	2018	1	2018
Risk Reduction of Large Caliber Weapon System	3	2017	3	2022
Middle Tier Acquisition (MTA) Source Selection Evaluation Board (SSEB)	2	2018	1	2019
Rapid Prototyping Contract Awards	1	2019	1	2019
Mobile Protected Firepower (MPF) Rapid Prototyping Phase	1	2019	3	2022
Design Maturity Review (DMR)	3	2019	3	2019
Ballistic Hull & Turret (BH&T) Deliveries (4 BH&Ts)	1	2021	2	2021
BH&T Test Readiness Review (TRR)	1	2021	1	2021
BH&T Test	2	2021	4	2021
Prototype Deliveries (24 Prototypes)	3	2020	2	2022
Pre-Production Test (PPT)	4	2020	2	2022
Soldier Vehicle Assessment (SVA) Readiness Review (RR)	1	2021	1	2021
SVA	2	2021	4	2021
Limited User Training (LUT)	4	2021	1	2022
Training Support Package (TSP) Development	2	2019	3	2022
Maintenance Task Analysis (MTA) and Level Of Repair Analysis (LORA)	2	2019	3	2022
Technical Manual (TM) Development	2	2019	3	2022
Technical Manual (TM) Validation	3	2021	3	2022
Technical Manual (TM) Development Update	1	2023	4	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Logistics Demonstration (Log Demo)	4	2024	1	2025
Technical Manual (TM) Verification	4	2024	4	2025
Level of Repair Analysis (LORA)	3	2022	2	2025
Source of Repair Analysis (SORA)	3	2022	3	2023
Training Support Package (TSP) Update	3	2022	3	2025
Nationa/Depot Maintenance Work Instruction (NMWR/DMWR)/Battle Damage Assessment and Repair (BDAR) Development	3	2022	3	2025
Spares Provisioning	3	2022	4	2023
Prototype Vehicle Updates to LRIP Configurations (Qty 8)	3	2022	2	2024
Corrosion Testing	2	2023	2	2024
Contolled Damage Experiments/System Level/Automatic Fire Extinguishing System Testing	4	2022	4	2023
Supportability Assessment (SA)	1	2022	1	2022
Training Devices Requirements Refinement Performance Spec Development	2	2019	4	2023
Vehicle Data Interface Development for Training Devices	3	2023	3	2024
M10 Booker Gunnery Training System (GTS) Development and Prototype Build	2	2024	4	2025
Family of Maintenance Trainers (FMT) Development	1	2024	4	2025
Low-Rate Initial Production (LRIP) Option #1 Award	3	2022	3	2022
Low-Rate Initial Production (LRIP) Option #1 Deliveries	2	2024	1	2025
Production Qualification Testing (PQT) at Aberdeen Test Center (ATC)	4	2024	2	2025
Production Qualification Testing (PQT) at Yuma Test Center (YTC)	4	2024	2	2025
Production Qualification Testing (PQT) at White Sands Missile Range (WSMR)	4	2024	2	2025
Production Qualification Testing (PQT) at Cold Regions Test Center (CRTC)	1	2025	2	2025
Full Up System Level (FUSL) Live Fire Testing at Aberdeen Test Center (ATC)	3	2024	3	2025
Army Interoperability Testing	1	2025	1	2025
Initial Operational Test and Evaluation (IOT&E)	4	2024	2	2025

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604645A / *Armored Systems Modernization (ASM) - Eng Dev*	**Project (Number/Name)** EV8 / *Mobile Protected Firepower*

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Low-Rate Initial Production (LRIP) Option #2 Award	3	2023	3	2023
Low-Rate Initial Production (LRIP) Option #2 Deliveries	1	2025	1	2026
Low-Rate Initial Production (LRIP) Option #3 Award	3	2024	3	2024
Termination for Convenience (T4C) Notification	3	2025	3	2025

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	145.135	139.309	351.274	-	351.274	-	-	-	-	-	-
BQ6: *Visual Augmentation System Eng Dev*	-	108.766	79.233	308.038	-	308.038	-	-	-	-	-	-
DI5: *FALCONS*	-	-	10.450	10.734	-	10.734	-	-	-	-	-	-
L67: *Soldier Night Vision Devices*	-	2.949	22.140	5.227	-	5.227	-	-	-	-	-	-
L70: *Night Vision Dev Ed*	-	10.137	7.473	14.695	-	14.695	-	-	-	-	-	-
L79: *Joint Effects Targeting Systems (JETS)*	-	23.283	20.013	12.580	-	12.580	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

A portion of this funding line is directly aligned to the Army Soldier Lethality Modernization Priority in support of situational awareness for the Close Combat Soldier. This program element provides night vision/reconnaissance, surveillance and target acquisition technologies required for United States defense forces to engage enemy forces twenty-four hours a day under conditions of degraded visibility due to darkness, adverse weather, battlefield obscurants, foliage and man-made structures. These developments and improvements to high performance night vision electro-optics, radar, laser, and thermal systems and integration of related multi-sensor suites will enable near to long range target acquisition, identification and engagement to include significant fratricide reduction, which will improve battlefield command and control in "around-the-clock" combat operations.

Project BQ6 focuses on transitioning demonstrated technologies that bring improvements to provide Soldiers and Squads a single platform for increased lethality, mobility, and situational awareness to achieve overmatch against our current and future adversaries. Funded efforts will accelerate the implementation of components, Heads Up Display (HUD) improvements, terrain shared coordinate data and processing, algorithms including machine learning/artificial intelligence, human machine integration, and demonstrations in support of the next generation augmented vision and situational awareness. Efforts will provide rapid decision making and targeting capabilities with the integration of external video and data sources such as weapon sights, air and ground platforms, unmanned air and ground assets, and other data sources enabled by edge computing devices, advanced network services, and open resilient architecture. This project will provide data driven analytics to optimize unit performance and enhance lethality and to enable training in a mixed reality environment.

The FY 2026 cost of the Integrated Visual Augmentation System (IVAS) Middle Tier of Acquisition effort is $85.5 million, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission.

This project includes costs for efforts associated with edge computing devices, movement of information and high-level processing, integration, and interface of products with the Soldiers' head, body, weapon, and platforms. To enable such data movement and integration, this project funds the establishment and baselining of a situational

awareness architecture. Funding for this project aligns with the Army's Continuous Transformation priorities and National Defense Strategy. This project supports the Soldier Lethality Cross Functional Team.

Project DI5 begins development on Future Advanced Long-range Common Optical/Netted-fires Sensor (FALCONS). FALCONS is the replacement for the Long Range Advanced Scout Surveillance System (LRAS3) and Fire Support Sensor System (FS3) providing an unmatched capability to detect, identify, and locate threats in all battlefield conditions at extended ranges, in all conditions, locate targets with the fidelity required to employ numerous Army and Joint precision, near precision, and conventional munitions, and have a networked capability to provide direct links for Scouts and Fire Supporters to streamline the kill chain.

Project L67 develops, improves and miniaturizes high performance electro-optics, thermal and laser systems. It provides for systems integration of related multi-sensor suites to enable near to long-range target acquisition and engagement as well as improved battlefield command and control in around-the-clock combat operations. It also adapts demonstrated technologies that bring improvements to the mounted and dismounted Soldiers' equipment and capabilities. This project develops or enhances equipment that provides the individual Soldier's day and/or night situational awareness and individual targeting capability. This project includes cost associated with efforts for the development, integration and interface of products on Soldiers head, body and weapons. Funding in this project supports the Army Future's Command Situational Awareness Strategy. Funding in this project aligns with the Army's priorities in support of the National Defense Strategy.

Project L70 supports the 3rd Generation Forward Looking Infrared (3GEN FLIR) B-Kit program, which incorporates the next generation of forward-looking infrared technologies. The 3GEN FLIR program provides a common 3GEN FLIR B-Kit for integration into US Army FLIR sensor systems in accordance with the approved Improved Forward Looking Infrared (I-FLIR) Capability Development Document (CDD). When integrated in platform sensor packages, 3GEN FLIR technology enhances the warfighters' survivability and lethality through increased identification range performance, while enabling the detection of difficult or obscured targets and faster threat detection through automated processes. Executing Army guidance to implement advancements in digital processing and artificial intelligence has positioned 3GEN FLIR as the lead sensor to provide the Army's path forward for AI/ML capabilities for ground platforms. The 3GEN FLIR B-Kit program is key to the maintenance of the Army's FLIR industrial base.

Project L79 supports the Joint Effects Targeting System (JETS) program, which addresses the one-man, hand-held precision targeting gap identified by the Fires Center of Excellence (FCoE). JETS is a lightweight, handheld system that will provide the single dismounted observer with a common, enhanced day and night thermal capability to rapidly acquire, accurately locate, positively identify, and precisely designate targets. JETS can interface with existing and future Forward Entry Systems (FESs) and operate in environments where Global Positioning System (GPS) capabilities are degraded or denied and will integrate the Military-code (M- Code) GPS receivers. This project will address continued development and integration of improved precision targeting components to reduce size, weight, power, and cost of systems for dismounted precisions Fires mission. Funding in this project aligns with the Army's priorities in support of the National Defense Strategy.

The FY 2026 request was reduced by $6.832 million for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604710A *I Night Vision Systems - Eng Dev*

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	48.720	89.259	64.969	-	64.969
Current President's Budget	145.135	139.309	351.274	-	351.274
Total Adjustments	96.415	50.050	286.305	-	286.305
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-3.000	-			
• Congressional Rescissions	-	-			
• Congressional Adds	101.084	10.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.669	-			
• Adjustments to Budget Years	-	40.050	286.305	-	286.305

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Project: BQ6: *Visual Augmentation System Eng Dev*		
Congressional Add: *Additional systems only to conduct scaled operational demonstration*	38.429	-
Congressional Add Subtotals for Project: BQ6	38.429	-
Project: L67: *Soldier Night Vision Devices*		
Congressional Add: *ENVG-B advanced capabilities*	-	10.000
Congressional Add Subtotals for Project: L67	-	10.000
Congressional Add Totals for all Projects	38.429	10.000

Change Summary Explanation

Increase in FY 2026 funding from the previous PB to the current PB due to increase in Soldier Borne Mission Command requirements.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) BQ6 / *Visual Augmentation System Eng Dev*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
BQ6: *Visual Augmentation System Eng Dev*	-	108.766	79.233	308.038	-	308.038	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Soldier Borne Mission Command (SBMC) is part of the Army Transformation Initiative.

A. Mission Description and Budget Item Justification

This project focuses on transitioning demonstrated technologies that bring improvements to provide Soldiers and Squads a single platform for increased lethality, mobility, and situational awareness to achieve overmatch against our current and future adversaries. Funded efforts will accelerate the implementation of components, Heads Up Display (HUD) improvements, terrain shared coordinate data and processing, algorithms including machine learning/artificial intelligence, human machine integration, and demonstrations in support of the next generation augmented vision and situational awareness. Efforts will provide rapid decision making and targeting capabilities with the integration of external video and data sources such as weapon sights, air and ground platforms, unmanned air and ground assets, and other data sources enabled by edge computing devices, advanced network services, and open resilient architecture. This project will provide data driven analytics to optimize unit performance and enhance lethality and to enable training in a mixed reality environment. This project includes costs for efforts associated with edge computing devices, movement of information and high-level processing, integration, and interface of products with the Soldiers' head, body, weapon, and platforms. To enable such data movement and integration, this project funds the establishment and baselining of a situational awareness architecture. Funding for this project aligns with the Army's Continuous Transformation priorities and National Defense Strategy. This project supports the Soldier Lethality Cross Functional Team.

The FY 2026 cost of the Integrated Visual Augmentation System (IVAS) Middle Tier of Acquisition effort is $85.5 million, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Soldier Borne Mission Command (SBMC), previously named Integrated Visual Augmentation Systems (IVAS)	70.337	79.233	308.038
Description: Soldier Borne Mission Command (SBMC) provides Soldiers and Squads a single platform for increased lethality, mobility, and situational awareness to achieve overmatch against our current and future adversaries.?IVAS is transitioning to Soldier- Borne Mission Command (SBMC), which builds on IVAS by delivering a modular, fused digital awareness system that enhances lethality, mobility, and situational awareness for dismounted Soldiers. ***FY 2025 Plans:*** Continue test and evaluation of SBMC Surrogate, formerly known as IVAS 1.2, through Continuous Operational Learning and Test (COLT). Supports software development, implementation, and reliability. Develops and Validates the SBMC Architecture through software extensibility and mission thread/application development. Continues SBMC development focusing on improving form			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** BQ6 / *Visual Augmentation System Eng Dev*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
factor through modularity and updating software for improved command and control through Artificial Intelligence (AI)-enabled data fusion and real-time situational awareness. ***FY 2026 Plans:*** Test and evaluation of SBMC planned improvements supports improved system form factor and performance, and continued extensibility enhancements with situational awareness architecture refinements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Increase in FY 2026 funding from the previous PB to the current PB due to continued SBMC system improvements and additional extensibility and architecture work.			
Accomplishments/Planned Programs Subtotals	70.337	79.233	308.038

	FY 2024	FY 2025
Congressional Add: Additional systems only to conduct scaled operational demonstration	38.429	-
FY 2024 Accomplishments: Complete testing of 1.2 IVAS tactical kits and allows for IVAS operational demonstration to a battalion.		
Congressional Adds Subtotals	38.429	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• K36402: *IVAS/Heads Up Display*	45.460	245.491	-	-	-	-	-	-	-	-	-
• BQ5: *Visual Augmentation System Advanced Development*	24.410	10.193	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

IVAS 1.2 is accomplished as a technology insertion to the base production agreement awarded in Dec 2022. Initial 1.2 prototypes were delivered in 4QFY2023, an IVAS 1.2 phase 2 Technology Insertion (TI) was awarded in 4QFY2023. SBMC Surrogates (also known as IVAS 1.2) will be evaluated in Continuous Operational and Learning (COLT) assessments, starting in 3QFY2025 to validate system improvements, incorporate new extensible applications, and inform a mission-driven architecture for multi-domain operations. FY25 SBMC improvements will be accomplished in a new competitive solicitation for a prototype agreement award of more than one vendor in August 2025.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) BQ6 / *Visual Augmentation System Eng Dev*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SBIR/STTR Transfer	Various	Various : Various	-	-		2.932	Jun 2025	8.519	Jun 2026	-		8.519	Continuing	Continuing	Continuing
Program Management	Various	Various : Various	1.189	2.422	Jun 2025	8.838		8.295	Feb 2026	-		8.295	Continuing	Continuing	Continuing
		Subtotal	1.189	2.422		11.770		16.814		-		16.814	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Heads Up Display (HUD)	Various	Various : Various	28.863	20.862	Jun 2024	15.177	Jun 2025	124.200	May 2026	-		124.200	Continuing	Continuing	Continuing
Heads Up Display (HUD)	C/FFP	Microsoft : Redmond, WA	65.536	80.391	Jul 2024	46.743	Jun 2025	158.151	May 2026	-		158.151	Continuing	Continuing	Continuing
Vehicle Integration	TBD	Various : Various	-	1.721	Jun 2024	1.200	Jun 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	94.399	102.974		63.120		282.351		-		282.351	Continuing	Continuing	N/A

Remarks

FY 2026 costs increased in Heads Up Display Various from FY 2025 for planned improvements.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
IVAS HUD Testing	MIPR	Various : Various	15.794	3.370	Apr 2025	4.343	Aug 2025	8.873	Aug 2026	-		8.873	Continuing	Continuing	Continuing
		Subtotal	15.794	3.370		4.343		8.873		-		8.873	Continuing	Continuing	N/A

Remarks

FY 2026 costs decreased from FY 2025 due to completing governmental operational testing for IVAS 1.2.

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	111.382	108.766		79.233		308.038		-		308.038	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) BQ6 / *Visual Augmentation System Eng Dev*	

	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract

Remarks

Some cost categories include multiple efforts, so award date is the last scheduled award date.

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** BQ6 / *Visual Augmentation System Eng Dev*

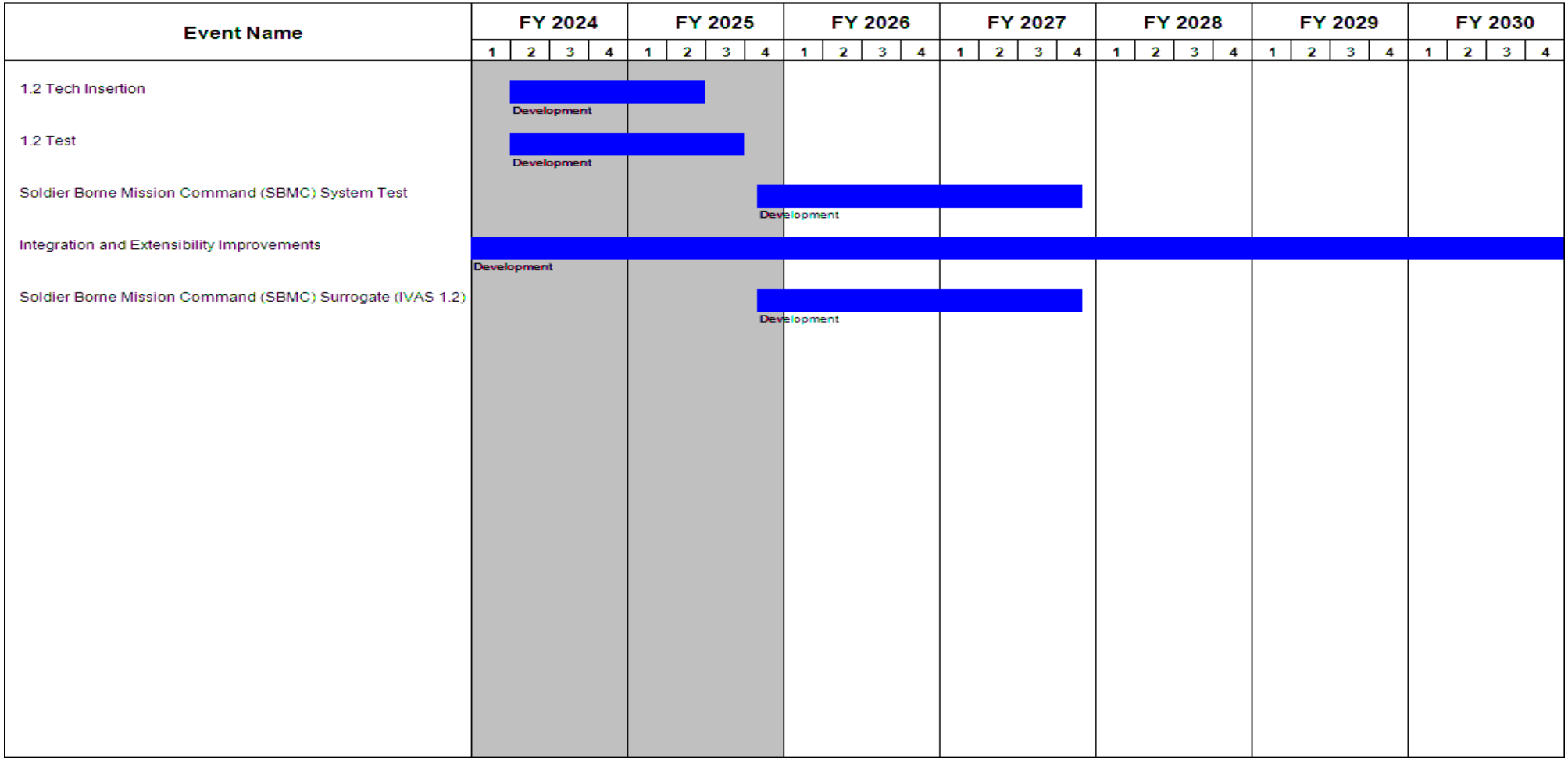

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** BQ6 / *Visual Augmentation System Eng Dev*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
1.2 Tech Insertion	1	2023	2	2025
1.2 Test	1	2023	3	2025
Soldier Borne Mission Command (SBMC) System Test	4	2025	4	2027
Integration and Extensibility Improvements	2	2023	4	2030
Soldier Borne Mission Command (SBMC) Surrogate (IVAS 1.2)	4	2025	4	2027

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) DI5 / *FALCONS*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
DI5: *FALCONS*	-	-	10.450	10.734	-	10.734	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Future Advanced Long-range Common Optical/Netted-fires Sensor (FALCONS) is the next generation sensor for Reconnaissance and Fires missions to enhance lethality and survivability of Brigade Combat Teams (BCTs) in Large Scale Combat Operations (LSCO). FALCONS provides interoperability between ground platforms and dismounted personnel through a Common Operational Picture (COP) of the battlefield and interchangeable components. The enhanced capabilities of FALCONS provide the ability to detect threats at greater distances in full spectrum conflict, terrain, and weather conditions with greater image resolution to develop civil considerations. It is envisioned FALCONS capabilities will be part of the system of systems approach enabled by current or future data sharing networks and transport layers to transmit target quality data to effectors in operational and tactical environments maintaining overmatch in the 2030 and 2040 timeframe. FALCONS equipped systems will be part of an Army 2030/2040 force that is decisive in varying operations against threats in environments of national interest. The Army requires FALCONS equipped forces be operationally responsive and able to adapt and exploit patterns of operations faster than the enemy, while dominating situations and adversaries. FALCONS equipped systems are a key entity of maneuver and fires tactical forces, and provides versatility, agility, and lethality.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: FALCONS Prototype Development	-	10.450	10.734
Description: Development effort to build prototype systems, complete Soldier Touch Points, and testing. ***FY 2025 Plans:*** Funds in FY2025 will award development contract to begin initial design and digital prototyping. ***FY 2026 Plans:*** Funds in FY2026 will continue system design and initial modeling based on the final Government approved performance specification. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to revised economic assumptions.			
Accomplishments/Planned Programs Subtotals	-	10.450	10.734

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** DI5 / *FALCONS*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• KA4511: *Improved Forward Looking Infrared (IFLIR) B-Kit*	20.438	68.504	60.765	-	60.765	-	-	-	-	-	-
• L70: *Night Vision Dev Ed*	10.137	7.473	14.695	-	14.695	-	-	-	-	-	-

Remarks

FALCONS will use a 3GEN FLIR B-Kit which will extend range and resolution.

D. Acquisition Strategy

The FALCONS Abbreviated Capability Development Document (A-CDD) was approved 23 March 2023. The program was approved by the AAE on 17 November 2023 to proceed with a Mid-Tier Acquisition-Rapid Prototyping (MTA-RP) approach using an Other Transaction Agreement (OTA). FALCONS is currently planning to award the OTA in 2QFY2025 and finalize a Government performance specification with feedback from the vendors. The program plans to develop the required program entrance documentation to initiate the Middle Tier of Acquisition Rapid Prototyping effort in FY2026.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) DI5 / *FALCONS*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
FALCONS Program Management	MIPR	PM GS : Fort Belvoir, VA	-	-		1.545	Dec 2024	1.187	Dec 2025	-		1.187	Continuing	Continuing	Continuing
		Subtotal	-	-		1.545		1.187		-		1.187	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
FALCONS Development	C/TBD	TBD : TBD	-	-		8.302	Mar 2025	8.932	Mar 2026	-		8.932	Continuing	Continuing	Continuing
		Subtotal	-	-		8.302		8.932		-		8.932	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
FALCONS Matrix Support	MIPR	Various : Various	-	-		0.603	Dec 2024	0.615	Dec 2025	-		0.615	Continuing	Continuing	Continuing
		Subtotal	-	-		0.603		0.615		-		0.615	Continuing	Continuing	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		10.450		10.734		-		10.734	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** DI5 / *FALCONS*

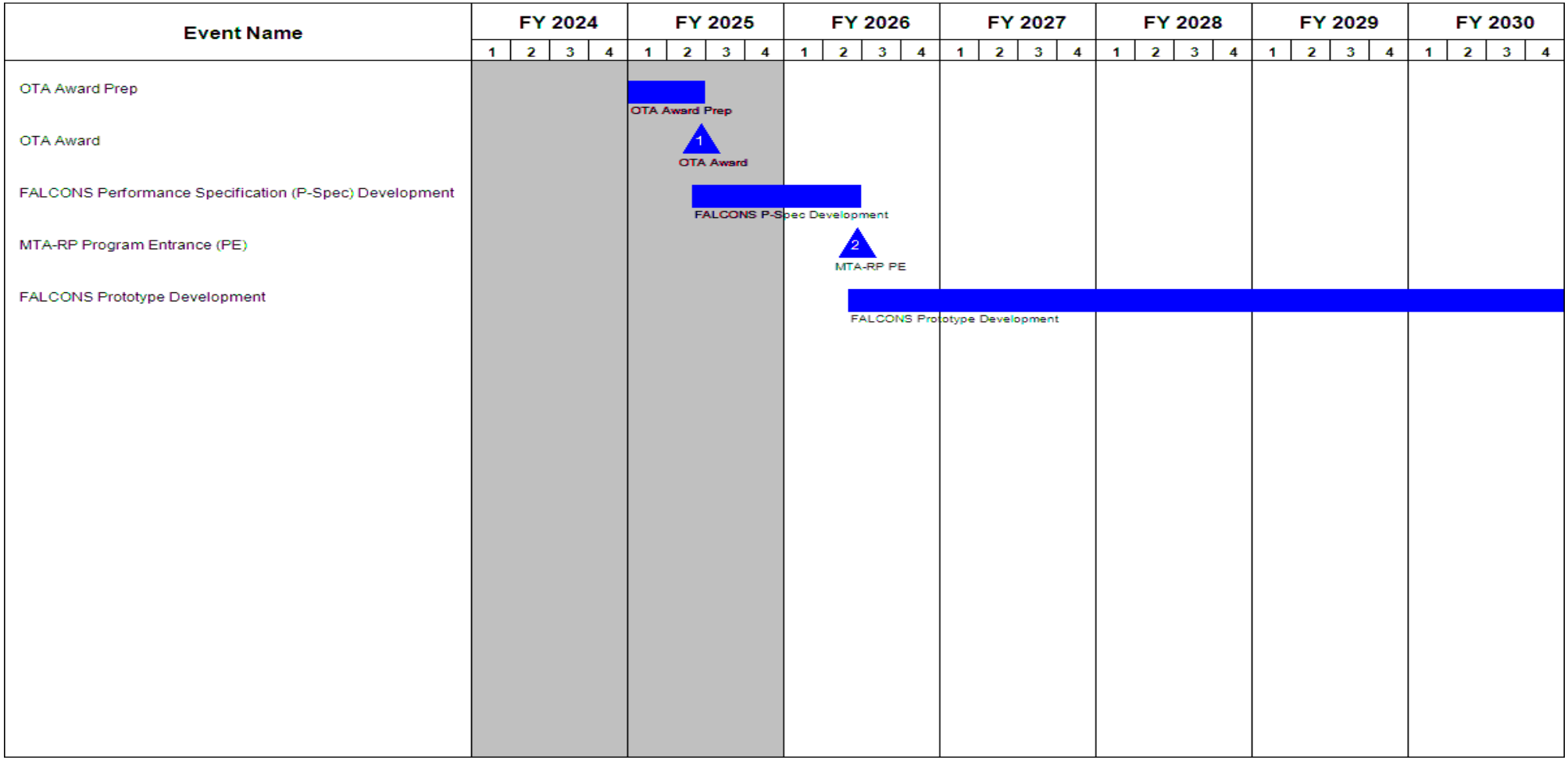

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** DI5 / *FALCONS*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
OTA Award Prep	1	2025	2	2025
OTA Award	2	2025	2	2025
FALCONS Performance Specification (P-Spec) Development	2	2025	2	2026
MTA-RP Program Entrance (PE)	2	2026	2	2026
FALCONS Prototype Development	2	2026	4	2030

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L67 / *Soldier Night Vision Devices*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
L67: *Soldier Night Vision Devices*	-	2.949	22.140	5.227	-	5.227	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The FY 2026 decrease is due to BiNOD transitioning to production and decreased Government test support activities.
We are relooking this portfolio for restructuring.

L67/Soldier Night Vision Devices is part of the Army Transformation Initiative.

A. Mission Description and Budget Item Justification

This project develops, improves and miniaturizes high performance electro-optics, thermal and laser systems. It also provides for systems integration of related multi-sensor suites to enable near to long-range target acquisition and engagement as well as improved battlefield command and control in around-the-clock combat operations. It focuses on adapting demonstrated technologies that bring improvements to the dismounted Soldiers' equipment. This project develops or enhances equipment that provides the individual Soldier's day/night situational awareness and individual targeting capability and supports the Situational Awareness Strategy (SAS). This project includes cost associated with efforts for the development, integration and interface of products on Soldiers head, body and weapons. Funding in this project supports the Army's Soldier Lethality Cross Functional Teams (SL CFT) initiatives. Funding in this project aligns with the Army's priorities in support of the National Defense Strategy.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Small arms fire control	1.307	3.213	2.597
Description: These efforts develop and improve small arms fire controls, thermal electro-optical enablers, and lasers for small arms weapon systems. This includes mounted and dismounted night vision systems and lasers that enable combat forces to acquire and engage targets with small arms and conduct surveillance and fire control under day/night obscurants, no-light, and adverse weather conditions. These development efforts utilize artificial intelligence, machine learning algorithms, and advanced software solutions to improve thermal and low light level sensors to produce sights with improved performance that can function with either a day optic or in a stand-alone mode. These improvements would provide smaller pixel thermal detectors/imagers in high definition formats with improved sensitivity, clarity, and range, while simultaneously reducing the size, weight and power consumption for all current and future small arms fire control systems.			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L67 / *Soldier Night Vision Devices*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
The Family of Weapon Sights - Individual (FWS-I) is a weapon-mounted thermal sensor that enables Soldiers to fire quickly and accurately from any carry position and with significantly reduced exposure to enemy fire by providing a wireless, zeroed weapon aimpoint in the Soldier's Enhanced Night Vision Goggle - Binocular (ENVG-B) or Soldier Borne Mission Command (SBMC) formerly known as Integrated Visual Augmentation System (IVAS). The Family of Weapon Sights - Sniper (FWS-S) utilizes a HD thermal sensor and mounts in-line with the Sniper's direct view optic providing a thermal capability without the need to remove or re-boresight the current direct view optic. The FWS-S provides Snipers a large format display with increased pixel density that enables accurate long range engagements in all battlefield conditions while utilizing the direct view optic's aiming features, extending lethality and providing exceptional observation. The Maneuver Center of Excellence is in the process of developing a revised and updated requirement for an advanced thermal optic/fire control for crew-served weapons. ***FY 2025 Plans:*** Pursue improved target Detection, Recognition and Identification with artificial intelligence, machine learning algorithms, and advanced software solutions on prototype and production systems. Begin efforts to qualify night/day fire control devices, including improved thermal sights and integration with Next Generation Fire Control, other sensors and weapon enablers. Evaluate active and passive range finding and improved fire control implementations. Continue to execute product improvements and weapon integration for the FWS Individual and FWS Sniper, to include ongoing reliability growth efforts and developmental and operational testing. ***FY 2026 Plans:*** Will advance prototypes for test and evaluation, to include developmental testing and Soldier feedback, to inform future designs and requirements. Will continue to develop and evaluate improved target Detection, Recognition and Identification with artificial intelligence, machine learning algorithms, and advanced software solutions on prototype and production systems. Continue efforts to qualify night/day fire control devices, including improved thermal sights and integration with Next Generation Fire Control, other sensors and weapon enablers. Continue evaluating active and passive range finding and improved fire control implementations. Continue product improvements and weapon integration, to include ongoing reliability growth efforts and developmental and operational testing. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to efficiencies and consolidation of potential solutions across multiple efforts.			
Title: Night Vison Device - Next (NVD-N) (formerly Night Vision Goggle-Next (NVG-N))	1.642	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L67 / *Soldier Night Vision Devices*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Description: BiNOD systems will replace Soldiers' legacy monocular AN/PVS-14s and bi-ocular AN/PVS-7s increasing the Soldiers' situational awareness, mobility, speed, and effectiveness to support an increased operational tempo. BiNOD provides the capability to identify obstacles and threats at night or in low light conditions with greater clarity, better depth perception, and further recognition range.			
Title: Binocular Night Observation Device (BiNOD) (formerly known as Night Vision Device - Next (NVD-N)) ***Description:*** BiNOD systems will replace Soldiers' legacy monocular AN/PVS-14s and bi-ocular AN/PVS-7s increasing the Soldiers' situational awareness, mobility, speed, and effectiveness to support an increased operational tempo. BiNOD provides the capability to identify obstacles and threats at night or in low conditions with greater clarity, better depth perception, and further recognition range. ***FY 2025 Plans:*** This program increase will fund the development of an upgraded ENVG-B capable of integration with future digital technologies such as Unmanned Aircraft Systems and various modular helmet platforms currently being developed. This will also study power reduction initiatives and reduce sustainment costs replacing higher value components with a COTS cable/interface solution. ***FY 2026 Plans:*** Continue testing of the BiNOD product in support of the Situational Awareness Strategy. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to program planned transition to production. FY2025 Congressional add for ENVG-B Advanced Capabilities.	-	8.927	2.630
Accomplishments/Planned Programs Subtotals	2.949	12.140	5.227

	FY 2024	FY 2025
Congressional Add: ENVG-B advanced capabilities	-	10.000
FY 2025 Plans: This program increase will fund the development of an upgraded ENVG-B capable of integration with future digital technologies such as Unmanned Aircraft Systems and various modular helmet platforms currently being developed. This will also study power reduction initiatives and reduce sustainment costs replacing higher value components with a COTS cable/interface solution.		
Congressional Adds Subtotals	-	10.000

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L67 / *Soldier Night Vision Devices*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• VT7: *Soldier Maneuver Sensors - Adv Dev*	15.593	8.507	3.142	-	3.142	-	-	-	-	-	-
• K22002: *FWS-INDIVIDUAL*	197.799	144.152	91.046	-	91.046	-	-	-	-	-	-
• K35110: *Small Tactical Optical Rifle Mounted MLRF*	15.484	10.864	2.111	-	2.111	-	-	-	-	-	-
• B53800: *Laser Target Locator Systems*	17.009	21.660	-	-	-	-	-	-	-	-	-
• K22003: *FWS-CREW SERVED*	5.000	7.672	-	-	-	-	-	-	-	-	-
• K22004: *FWS-SNIPER*	41.878	13.156	12.561	-	12.561	-	-	-	-	-	-
• BQ5: *Visual Augmentation System Advanced Development*	24.410	10.193	-	-	-	-	-	-	-	-	-
• BQ6: *Visual Augmentation System Eng Dev*	108.766	79.233	308.038	-	308.038	-	-	-	-	-	-
• K36400: *Helmet Mounted Enhanced Vision Devices*	371.903	100.292	114.110	-	114.110	-	-	-	-	-	-
• K36414: *BINOCULAR NIGHT OBSERVATION DEVICE (BINOD)*	-	-	96.946	-	96.946	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The various developmental programs in this project continue to exercise competitively awarded contracts using best value source selection procedures.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L67 / *Soldier Night Vision Devices*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	MIPR	Various : Various	24.823	0.132	May 2025	0.627	Sep 2025	0.571	Apr 2026	-		0.571	Continuing	Continuing	-
SBIR/STTR	TBD	Various : Various	-	-		0.461	Jun 2025	0.191	Jun 2026	-		0.191	0.000	0.652	-
		Subtotal	24.823	0.132		1.088		0.762		-		0.762	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Small arms fire control	C/FFP	Various : Various	3.992	1.307	Feb 2024	3.091	Feb 2025	2.502	Feb 2026	-		2.502	Continuing	Continuing	-
Binocular Night Observation Device (BiNOD)	C/TBD	TBD : TBD	-	0.786	Apr 2024	6.416	Aug 2025	-		-		-	Continuing	Continuing	-
Recurring Engineering-ENVG-B	TBD	TBD : TBD	-	-		10.000	Sep 2025	-		-		-	0.000	10.000	-
		Subtotal	3.992	2.093		19.507		2.502		-		2.502	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	RTI : Ft Belvoir, VA	31.281	0.453	Apr 2025	1.295	Jun 2025	0.848	Apr 2026	-		0.848	Continuing	Continuing	-
		Subtotal	31.281	0.453		1.295		0.848		-		0.848	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test Support Activity	MIPR	Army Test and Evaluation Command : Various	69.636	0.271	Sep 2024	0.250	Mar 2025	1.115	Apr 2026	-		1.115	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L67 / *Soldier Night Vision Devices*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	69.636	0.271		0.250		1.115		-		1.115	Continuing	Continuing	N/A

Remarks

Cost increase in FY 2026 due to Increase of Government Test Support Activity.

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	129.732	2.949		22.140		5.227		-		5.227	Continuing	Continuing	N/A

Remarks

Cost increase in FY 2026 due to Increase of Government Test Support Activity.

Cost decrease in PMA in FY 2026 BiNOD as the program transitions to production.

Cost decrease in product development BINOD in FY 2026 as test hardware is procured in FY 2025 and no longer in FY 2026

Cost decrease in FY 2026 Matrix Support due to the BiNOD transition to production.

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L67 / *Soldier Night Vision Devices*

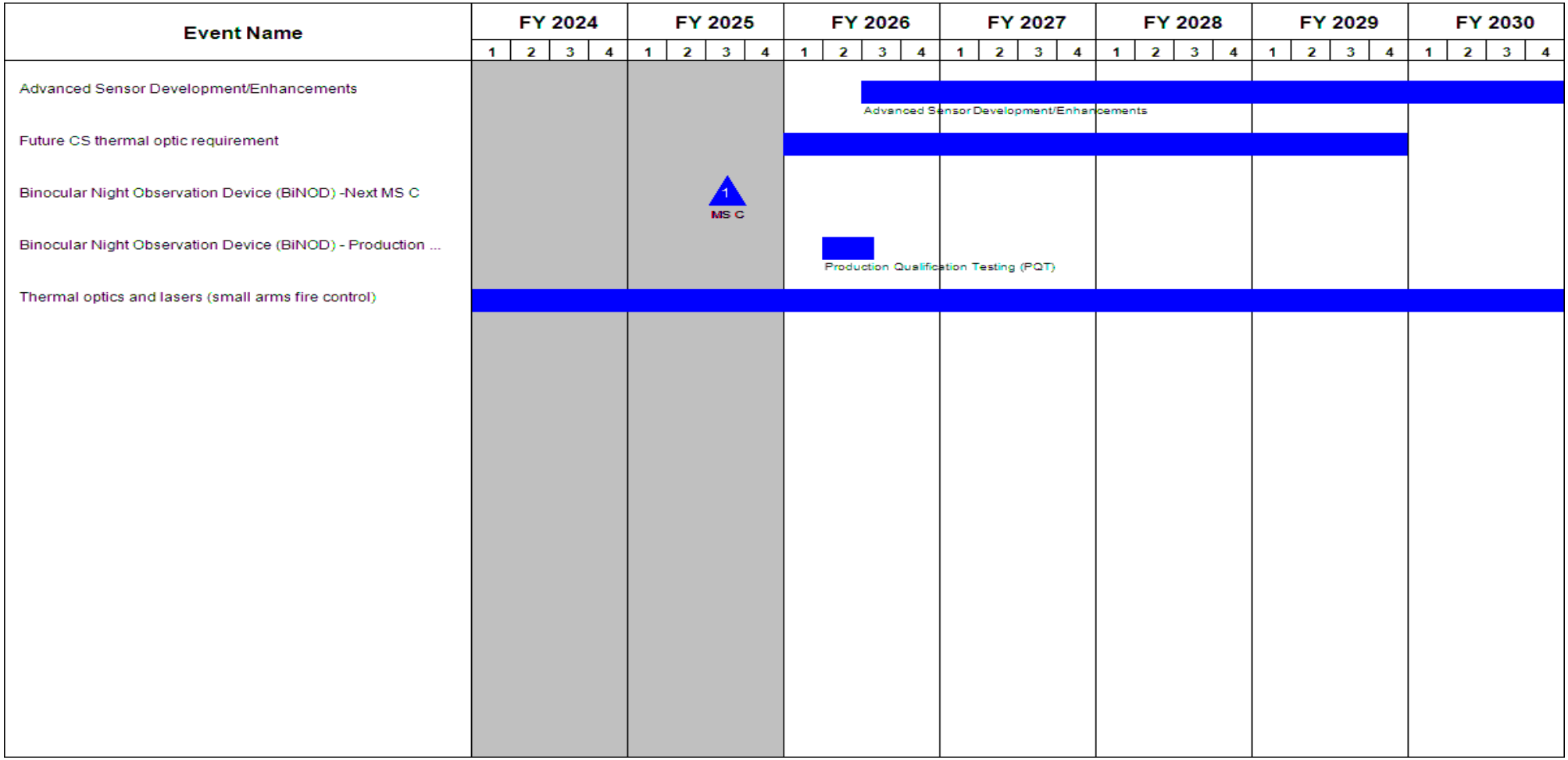

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L67 / *Soldier Night Vision Devices*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
LTLM M-Code GPS Integration	2	2021	3	2023
Advanced Sensor Development/Enhancements	3	2026	4	2030
Future CS thermal optic requirement	1	2026	4	2029
Binocular Night Observation Device (BiNOD) -Next MS C	3	2025	3	2025
Binocular Night Observation Device (BiNOD) - Production Qualification Testing (PQT)	2	2026	3	2026
Thermal optics and lasers (small arms fire control)	1	2024	4	2030

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L70 / *Night Vision Dev Ed*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
L70: *Night Vision Dev Ed*	-	10.137	7.473	14.695	-	14.695	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The project supports the 3rd Generation Forward Looking Infrared (3GEN FLIR) B-Kit program, which incorporates the next generation of forward-looking infrared technologies. The 3GEN FLIR program provides a common 3GEN FLIR B-Kit for integration into US Army FLIR sensor systems in accordance with the approved Improved Forward Looking Infrared (I-FLIR) Capability Development Document (CDD). The common 3GEN FLIR B-Kit will integrate with XM30, FALCONS, and future platforms; with potential 3GEN FLIR component utilization opportunities for future reconnaissance and airborne applications. The 3GEN FLIR B-Kit provides Mid Wave Infrared and Long Wave Infrared digital video and the electronic interfaces required to integrate the 3GEN FLIR technology with the host platform sensor. When integrated in platform sensor packages, 3GEN FLIR technology enhances the warfighters' survivability and lethality through increased identification range performance, while enabling the detection of difficult or obscured targets and faster threat detection through automated processes. Executing Army guidance to implement advancements in digital processing and artificial intelligence has positioned 3GEN FLIR as the lead sensor to provide the Army's path forward for AI/ML capabilities for ground platforms. The 3GEN FLIR B-Kit program is key to the maintenance of the Army's FLIR industrial base.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: 3GEN FLIR B-Kit Product Improvements & Competition Development	10.137	7.473	14.695
Description: 3GEN FLIR B-Kit Product Improvements, Technical Insertions, and promotion of competition ***FY 2025 Plans:*** FY 2025 Base Funding supports continued development and integration of sensor automation and artificial intelligence/machine learning to support Aided Target Detection and Recognition and promote competition for full rate production. ***FY 2026 Plans:*** FY 2026 Base Funding supports digital optimization of the sensor for enhanced threat detection and recognition of the Aided Target Detection and Recognition (AiTDR) algorithms for rapid target acquisition and improved kill chain timeline. FY 2026 base funding also supports continued efforts to promote competition for full rate production. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding increase due to initiation of the digital processing optimization effort.			
Accomplishments/Planned Programs Subtotals	10.137	7.473	14.695

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L70 / *Night Vision Dev Ed*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• 330: *Abrams Tank Improve Prog*	181.027	251.718	723.505	-	723.505	-	-	-	-	-	-
• CF6: *Optionally Manned Fighting Vehicle (OMFV)*	565.047	499.478	386.393	-	386.393	-	-	-	-	-	-
• KA4511: *Improved Forward Looking Infrared (IFLIR) B-Kit*	20.438	68.504	60.765	-	60.765	-	-	-	-	-	-
• DI5: *FALCONS*	-	10.450	10.734	-	10.734	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

3GEN FLIR: Materiel Development Decision (MDD) was received from the Army Acquisition Executive (AAE) and the Acquisition Decision Memorandum (ADM) was signed on 22-Dec-2014. Per the ADM, 3GEN FLIR entered the acquisition lifecycle at Milestone B (MS B) on 11-Feb-2016. After a successful MS B decision, competitive EMD contracts were awarded to design, develop, integrate and test the 3GEN FLIR B-Kit prior to production and mitigate the industrial base risk. The host platforms are responsible for integration of the 3GEN FLIR B-Kit. MDA approved 3GEN FLIR MS C on 28-Apr-2023. 3GEN FLIR RDT&E activities will now focus on digital processing optimization of the sensor and the artificial intelligence/machine learning capabilities per Army guidance, and 2nd source development to promote competition to achieve full rate production.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L70 / *Night Vision Dev Ed*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Management	MIPR	PM TS : Ft. Belvoir, VA	17.965	0.152	Jan 2024	0.447	Jan 2025	0.971	Jan 2026	-		0.971	Continuing	Continuing	-
		Subtotal	17.965	0.152		0.447		0.971		-		0.971	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
3GEN FLIR Product Improvements	Various	Various : Various	7.136	9.930	Jun 2024	6.728	Mar 2025	13.077	Feb 2026	-		13.077	Continuing	Continuing	-
		Subtotal	7.136	9.930		6.728		13.077		-		13.077	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
3GEN FLIR B-Kit Support	C/Various	Various : Various	44.189	0.055	Feb 2024	0.298	Nov 2024	0.647	Jan 2026	-		0.647	Continuing	Continuing	-
		Subtotal	44.189	0.055		0.298		0.647		-		0.647	Continuing	Continuing	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	69.290	10.137		7.473		14.695		-		14.695	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L70 / *Night Vision Dev Ed*

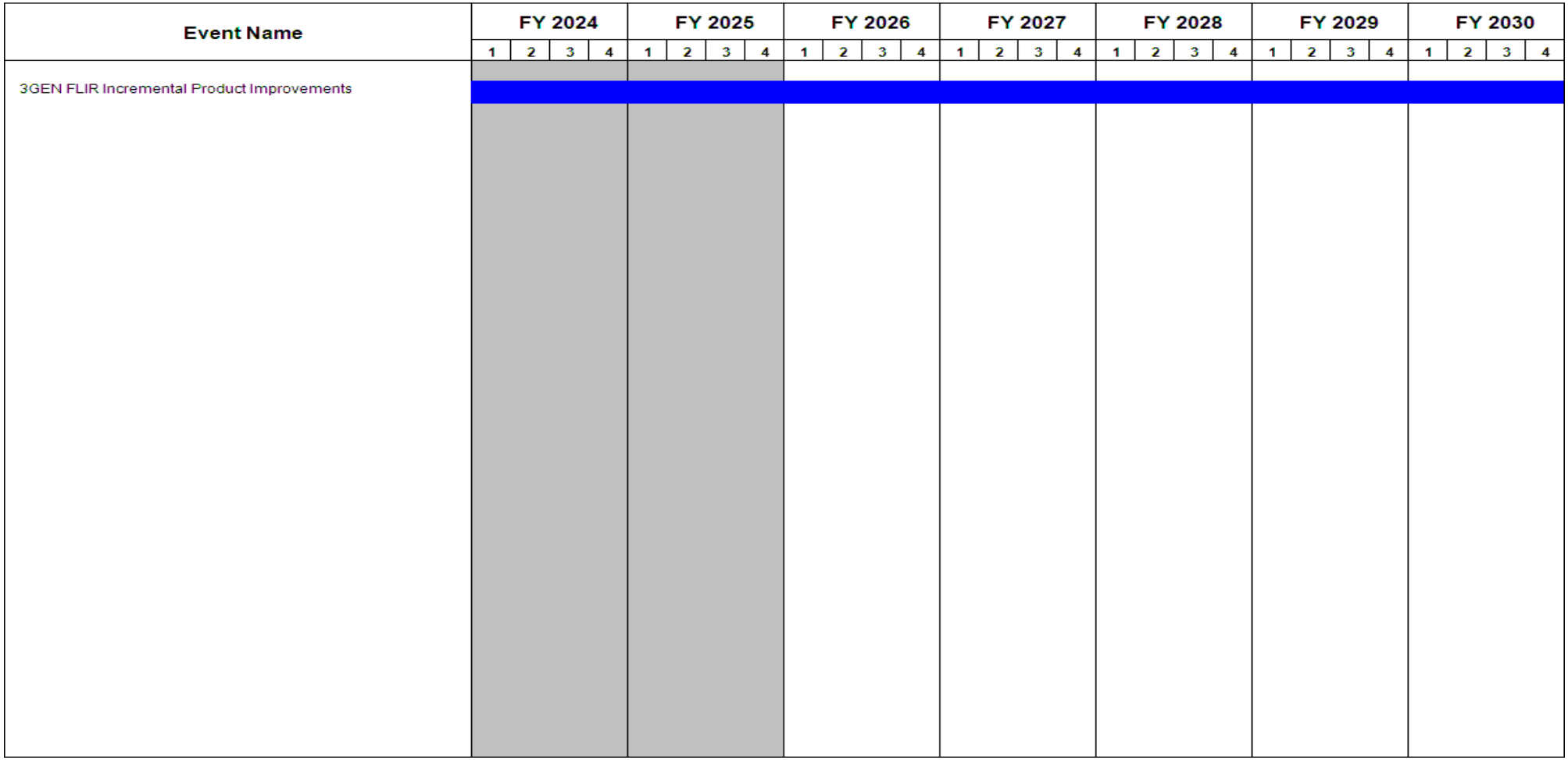

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L70 / *Night Vision Dev Ed*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Common Operating Environment, Development	2	2012	4	2018
3GEN FLIR Materiel Development Decision (MDD)	1	2015	1	2015
3GEN FLIR Development Request For Proposal Release Review (DRFPRR)	3	2015	3	2015
3GEN FLIR B-Kit MS B	2	2016	2	2016
3GEN FLIR B-Kit Development, Test, and Integration	2	2016	3	2023
3GEN LRAS3 ECP to Integrate 3GEN FLIR B-Kit: Spec Development & Documentation	1	2018	4	2019
3GEN FLIR Incremental Product Improvements	4	2022	4	2030
3GEN FLIR B-Kit MS C	3	2023	3	2023

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L79 / *Joint Effects Targeting Systems (JETS)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
L79: *Joint Effects Targeting Systems (JETS)*	-	23.283	20.013	12.580	-	12.580	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Joint Effects Targeting System (JETS) is an Army Program, which addresses the one-man, hand-held precision targeting gap identified by the Fires Center of Excellence (FCoE). JETS is a light-weight, handheld system that will provide the single dismounted observer with a common, enhanced day and night thermal capability to rapidly acquire, accurately locate, positively identify, and precisely designate targets. JETS can interface with existing and future Forward Entry Systems (FESs) and will be able to operate in environments where Global Positioning System (GPS) capabilities are degraded or denied, and will integrate Military-code (M-Code) GPS receivers. This project will develop and integrate improved precision targeting components to reduce size, weight, power, and cost of systems for dismounted precision Fires mission. Funding in this project aligns with the Army's priorities in support of the National Defense Strategy.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: JETS II Development	23.283	19.282	12.140
Description: This project performs engineering and manufacturing development of the next generation JETS, transitioning technologies developed in the Precision Targeting and Target Acquisition Development project. The JETS II will be an advanced precision targeting system incorporating improved target acquisition sensors and optics, improved targeting sensors, targeting algorithms, and a M-Code GPS receiver while reducing size, weight, and power requirements. It will integrate JETS into the Adaptive Squad Architecture (ASA) using the Intra Soldier Wireless (ISW) capability. ***FY 2025 Plans:*** The FY 2025 resources will continue to support the competitive engineering, manufacturing development and test and evaluation of JETS II. ***FY 2026 Plans:*** FY 2026 resources will complete the competitive engineering, manufacturing development and test and evaluation of JETS II. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease reflects the winding down of the vendors' JETS II development efforts and a shift to the Government evaluation and testing.			
Title: SBIR/STTR Transfer	-	0.731	0.440
Description: Funding transferred in accordance with Title 15 USC §638.			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L79 / *Joint Effects Targeting Systems (JETS)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2025 Plans: FY 2025 Plans: The FY 2025 resources will continue to support the competitive engineering, manufacturing development and test and evaluation of JETS II. ***FY 2026 Plans:*** FY 2026 Plans: FY 2026 resources will complete the competitive engineering, manufacturing development and test and evaluation of JETS II. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2025 to FY 2026 Increase/Decrease Statement: FY 2026 funding decrease reflects the winding down of the vendors' JETS II development efforts and a shift to the Government evaluation and testing.			
Accomplishments/Planned Programs Subtotals	23.283	20.013	12.580

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• VT8: *SOLDIER PRECISION TARGETING DEVICES - ADV DEV*	1.938	2.014	2.011	-	2.011	-	-	-	-	-	-
• K32101: *JOINT EFFECTS TARGETING SYSTEM (JETS)*	8.932	8.826	48.715	-	48.715	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The Joint Effects Targeting System (JETS) entered the acquisition framework on 25 February 2013 at Milestone (MS) B and the Engineering Manufacturing & Development phase. On 26 May 2016, MS C was approved for entry into the Production and Deployment Phase, Low Rate Initial Production. On 6 March 2022, the Milestone Decision Authority provided an Acquisition Decision Memorandum directing the Product Manager to develop a comprehensive plan to acquire an updated version of JETS, implementing M-Code to be compliant with Public Law 111-383, and insertion of other capability improvements commensurate with user Requirements. The Program Manager awarded two Other Transaction Agreements in September 2023 on a cost plus fixed-fee basis for competitive prototyping and development of the

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L79 / *Joint Effects Targeting Systems (JETS)*

JETS II integrating M-Code GPS. The prototyping and development effort is planned to complete in second quarter of fiscal year 2026, with one vendor being selected for production on a best value basis beginning in fiscal year 2026.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L79 / *Joint Effects Targeting Systems (JETS)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	MIPR	Various : Various	5.720	0.499	Sep 2024	-		1.303	Apr 2026	-		1.303	Continuing	Continuing	Continuing
SBIR/STTR Transfer	TBD	TBD : TBD	-	-		0.731		0.440		-		0.440	0.000	1.171	-
		Subtotal	5.720	0.499		0.731		1.743		-		1.743	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
JETS II (DRS)	C/CPFF	DRS : Melbourne, FL	4.407	11.364	Jun 2024	4.205	Dec 2024	-		-		-	0.000	19.976	-
JETS II (ESA)	C/CPFF	Elbit Systems of America (ESA) : Merrimack, NH	6.293	10.393	May 2024	12.759	Oct 2025	5.997	Nov 2025	-		5.997	Continuing	Continuing	Continuing
		Subtotal	10.700	21.757		16.964		5.997		-		5.997	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Matrix Support	MIPR	C5ISR (RTI) : Ft. Belvoir, VA	14.001	0.527	Mar 2024	0.668	Dec 2024	1.003	Feb 2026	-		1.003	Continuing	Continuing	-
Science and Engineering Support	SS/CPFF	Johns Hopkins University : Laurel, MD	9.897	0.500	Apr 2024	0.900	Jan 2025	0.850	Jan 2026	-		0.850	Continuing	Continuing	-
		Subtotal	23.898	1.027		1.568		1.853		-		1.853	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Testing	MIPR	Various : Various	6.061	-		0.750	Jun 2025	2.987	Nov 2025	-		2.987	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604710A / *Night Vision Systems - Eng Dev*	Project (Number/Name) L79 / *Joint Effects Targeting Systems (JETS)*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	6.061	-		0.750		2.987		-		2.987	Continuing	Continuing	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	46.379	23.283		20.013		12.580		-		12.580	Continuing	Continuing	N/A

Remarks

FY 2026 test and evaluation cost increase due to shifting to the Government evaluation and qualification phase of the JETS II prototypes.
For JETS II (ESA) under Production Development, OCT 2025 represents the last award in this funding category. $8.805M has already been obligated, and a further $3.954M will be obligated in October 2025.

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L79 / *Joint Effects Targeting Systems (JETS)*

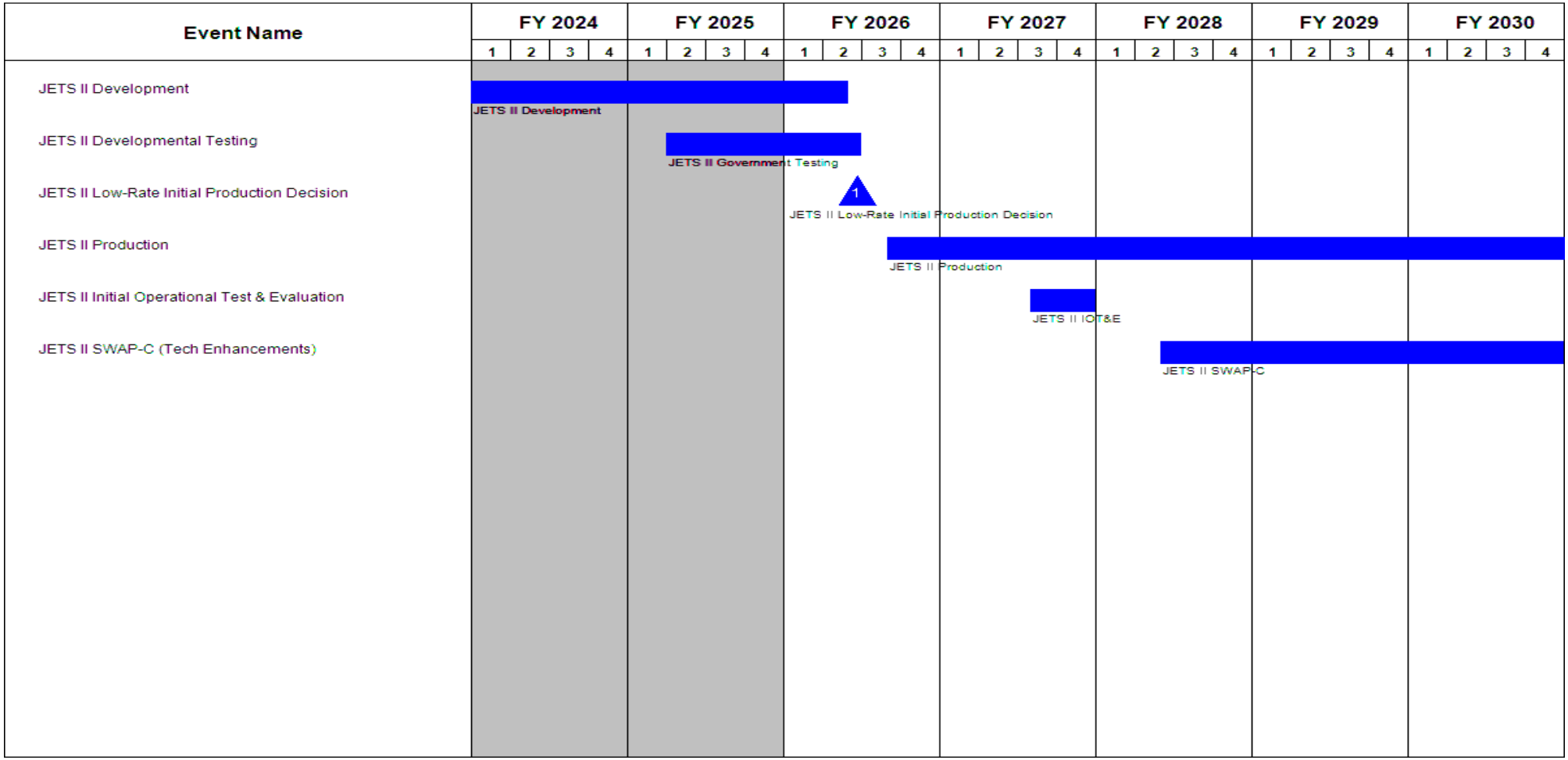

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604710A / *Night Vision Systems - Eng Dev*	**Project (Number/Name)** L79 / *Joint Effects Targeting Systems (JETS)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
JETS II Development	4	2023	2	2026
JETS II Developmental Testing	2	2025	2	2026
JETS II Low-Rate Initial Production Decision	2	2026	2	2026
JETS II Production	3	2026	2	2032
JETS II Initial Operational Test & Evaluation	3	2027	4	2027
JETS II SWAP-C (Tech Enhancements)	2	2028	4	2030

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604713A *I Combat Feeding, Clothing, and Equipment*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	2.170	3.286	5.654	-	5.654	-	-	-	-	-	-
548: *Mil Subsistence Sys*	-	2.170	1.583	1.557	-	1.557	-	-	-	-	-	-
EL2: *Army Field Feeding Equipment*	-	-	1.703	4.097	-	4.097	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Program Element supports the development, demonstration and Non-Developmental Item (NDI) Commercial Off The-Shelf (COTS) evaluation of combat feeding equipment to enhance soldier efficiency, improve soldier survivability, reduce food service logistics requirements, and supports Field Feeding programs for all the services.

Line items within this PE support multi-fuel, rapidly deployable field food service equipment initiatives. Efforts also support the Engineering and Manufacturing Development (EMD) phase of programs to improve equipment, enhance safety in food service, and decrease fuel and water requirements. Activities within Project 548 / Mil Subsistence Sys, develop critical enablers that support the Joint Future Capabilities and Joint Expeditionary mindset, by maintaining readiness through integrating new equipment, enhancing the field soldier's well-being, and providing soldiers usable equipment. It also reduces sustainment requirements, related Combat Support/ Combat Service Support (CS/CSS) demands on lift, the combat zone footprint, and costs for logistical support.

FY 2026 funding supports the development of test-ready RU (refrigeration unit) prototypes and the subsequent conduct of performance, qualification, and MTRCS (Multi-Temperature Refrigerated Container System) Integration testing and following assessment. Funds will also be used to continue integration and demonstration to mature Joint Service combat ration systems that enable warfighter maneuver, readiness and effectiveness during highly mobile, dispersed operations.

The FY 2026 request was reduced by $0.009 million for civilian personnel to optimize the workforce in compliance with Executive Order 14210, "Implementing the President's Department of Government Efficiency Workforce Optimization Initiative."

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	2.223	3.286	5.693	-	5.693
Current President's Budget	2.170	3.286	5.654	-	5.654
Total Adjustments	-0.053	0.000	-0.039	-	-0.039
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.053	-			
• Adjustments to Budget Years	-	-	-0.039	-	-0.039

Change Summary Explanation

Project EL2: Funding increase reflects the creation of the TDP, as well as the routing and approval process for the corresponding ECP to the current AK product configuration.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604713A / *Combat Feeding, Clothing, and Equipment*	Project (Number/Name) 548 / *Mil Subsistence Sys*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
548: *Mil Subsistence Sys*	-	2.170	1.583	1.557	-	1.557	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Project enables system development and demonstration of Joint Service combat rations and field feeding equipment/systems designed to improve warfighter performance and reduce the logistics burden of subsistence support. Efforts funded in this Project support all four Services, the Special Operations Command, and the Defense Logistics Agency (DLA). The Army serves as the Executive Agent for this Department of Defense (DoD) program, with oversight and coordination provided by the DoD Combat Feeding Research and Engineering Board (CFREB) as required by DoD Directive (DoDD) 3235.02E. Centralized execution of the DoD Combat Feeding Research and Engineering Program (CFREP) with Joint Service review and approval eliminates unnecessary duplication of efforts across the Services and maximizes use of common materiel solutions.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Joint Service Combat Ration System Development	1.159	0.939	0.841
Description: This effort integrates and demonstrates mature Joint Service combat ration systems that enable warfighter maneuver, readiness and effectiveness during highly mobile, dispersed operations. Prototypes are transitioned from APE 0603747A Project 610 to develop individual and group combat rations with improved capabilities including improved warfighter physical and cognitive performance through optimized nutrition and reduced logistics burden through weight and cube reduction. This effort completes operational test and evaluation (OT&E) to confirm system level performance, and develops ration specifications for transition to Defense Logistics Agency - Troop Support (DLA - Troop Support) for procurement.			
FY 2025 Plans: For existing operational ration platforms: Meal, Ready-to-Eat (MRE); Close Combat Assault Ration (CCAR); Unitized Group Rations (UGR) - A/M/ Heat&Serve; will integrate prototype components/technologies into menu systems; complete documentation of MRE 26 and UGR-M assembly contract requirements (ACR); will define ration assembly processes to improve quality, optimize nutritional content, decrease weight/cube/cost and/or improve modularity and field utility; will continue to conduct OT&E on ration systems to validate system level performance; will present recommendations to the Joint Services for Milestone C approval; will finalize procurement documents and initiate transition to DLA-Troop Support; will obtain US Army, Surgeon General approval of revised menus; will execute production testing with industry to ensure consistent ration quality, validate documents, and resolve vendor/supplier technical production issues; and will conduct confirmatory sensory, chemical, physical and shelf life testing, in addition to complete nutrient analysis.			
FY 2026 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** 548 / *Mil Subsistence Sys*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
For existing operational ration platforms: Meal, Ready-to-Eat (MRE); Close Combat Assault Ration (CCAR); Unitized Group Rations (UGR) - A/ Heat&Serve; Will develop menus, receive U.S. Army Surgeon General (OTSG) approval and transition documentation for MRE 47; Will continue to conduct initial operational test and evaluation (IOT&E) on ration systems to validate system level performance - to include expanded/optimized CCAR menus and Arctic Religious Rations; will present to the Joint Services for Milestone C approval; Will develop technical data packages; Will conduct large scale production prove out tests (PPTs); will finalize procurement documents and initiate transition to DLA-Troop Support; will obtain OTSG approval of revised menus; will execute production testing with industry to ensure consistent ration quality, validate documents, and resolve vendor/ supplier technical production issues; and will conduct confirmatory sensory, chemical, physical and shelf life testing, in addition to complete nutrient analysis. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease is due to planned lifecycle investment shifts between Joint Service Combat Ration System Development and Joint Service Field Feeding Systems Development.			
Title: Joint Service Field Feeding Systems Development	1.011	0.644	0.716
Description: This effort integrates and demonstrates field feeding equipment systems in support of the Navy (USN), Air Force (USAF), and Marine Corps (USMC) that reduce the logistics burden, improve efficiency, and decrease operation and support costs as directed by the DoD CFREB and Joint Service partners. Validated systems, specifications, and technical data packages are transitioned to the appropriate Service partner for procurement and fielding. Service partners include Product Manager Combat Support Equipment (PdM-CSE), Naval Sea Systems Command (NAVSEA), Naval Supply Systems Command (NAVSUP), Navy Expeditionary Combat Command (NECC) and USAF Basic Expeditionary Airfield Resources (BEAR) Program Office. ***FY 2025 Plans:*** Will complete operational test and evaluation (OT&E) and perform at-sea user evaluations of bakery equipment in support of Navy galley operations; Will conduct operational test and evaluation (OT&E) for component upgrades in support of water/fuel/ energy conservation in USAF BEAR field feeding systems; Will complete test and evaluation (T&E), generate Engineering Change Proposals and Technical Data Packages for upgrades to USMC Expeditionary Field Kitchen. ***FY 2026 Plans:*** Will complete final system designs with insertion of energy and footprint reducing components in support of water/fuel/energy conservation in USAF Basic Expeditionary Airfield Resources (BEAR) field feeding systems; Will baseline the associated labor, efficiency, and reliability of the proposed hot hold/frying equipment in Navy submarine galley upgrades in support of optimized crew size goals. ***FY 2025 to FY 2026 Increase/Decrease Statement:***			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** 548 / *Mil Subsistence Sys*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Increase is due to planned lifecycle investment shifts between Joint Service Combat Ration System Development and Joint Service Field Feeding Systems Development. Shift reflects increased requirements for the completion of final system designs with insertion of energy and footprint reducing components.			
Accomplishments/Planned Programs Subtotals	2.170	1.583	1.557

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• 610: *Food Adv Development*	3.420	4.059	4.033	-	4.033	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Complete Engineering and Manufacturing Development (EMD) and Demonstration of food items and equipment for transition into competitive procurement contract. Complete advanced research efforts to support Engineering Change Proposals for previously developed equipment.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604713A / *Combat Feeding, Clothing, and Equipment*	Project (Number/Name) 548 / *Mil Subsistence Sys*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Combat Feeding Program Management	Allot	DEVCOM Soldier Center : Natick, MA	5.202	0.111	Oct 2023	0.068	Oct 2024	0.076	Oct 2025	-		0.076	Continuing	Continuing	Continuing
		Subtotal	5.202	0.111		0.068		0.076		-		0.076	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Service Rations and Combat Feeding Equipment	Various	Various : Various	7.382	0.211	Oct 2023	0.450	Oct 2024	0.130	Oct 2025	-		0.130	Continuing	Continuing	Continuing
		Subtotal	7.382	0.211		0.450		0.130		-		0.130	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Service Rations and Combat Feeding Equipment	Allot	DEVCOM Soldier Center : Natick, MA	6.032	1.848	Oct 2023	1.065	Oct 2024	1.351	Oct 2025	-		1.351	Continuing	Continuing	Continuing
		Subtotal	6.032	1.848		1.065		1.351		-		1.351	Continuing	Continuing	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	18.616	2.170		1.583		1.557		-		1.557	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** 548 / *Mil Subsistence Sys*

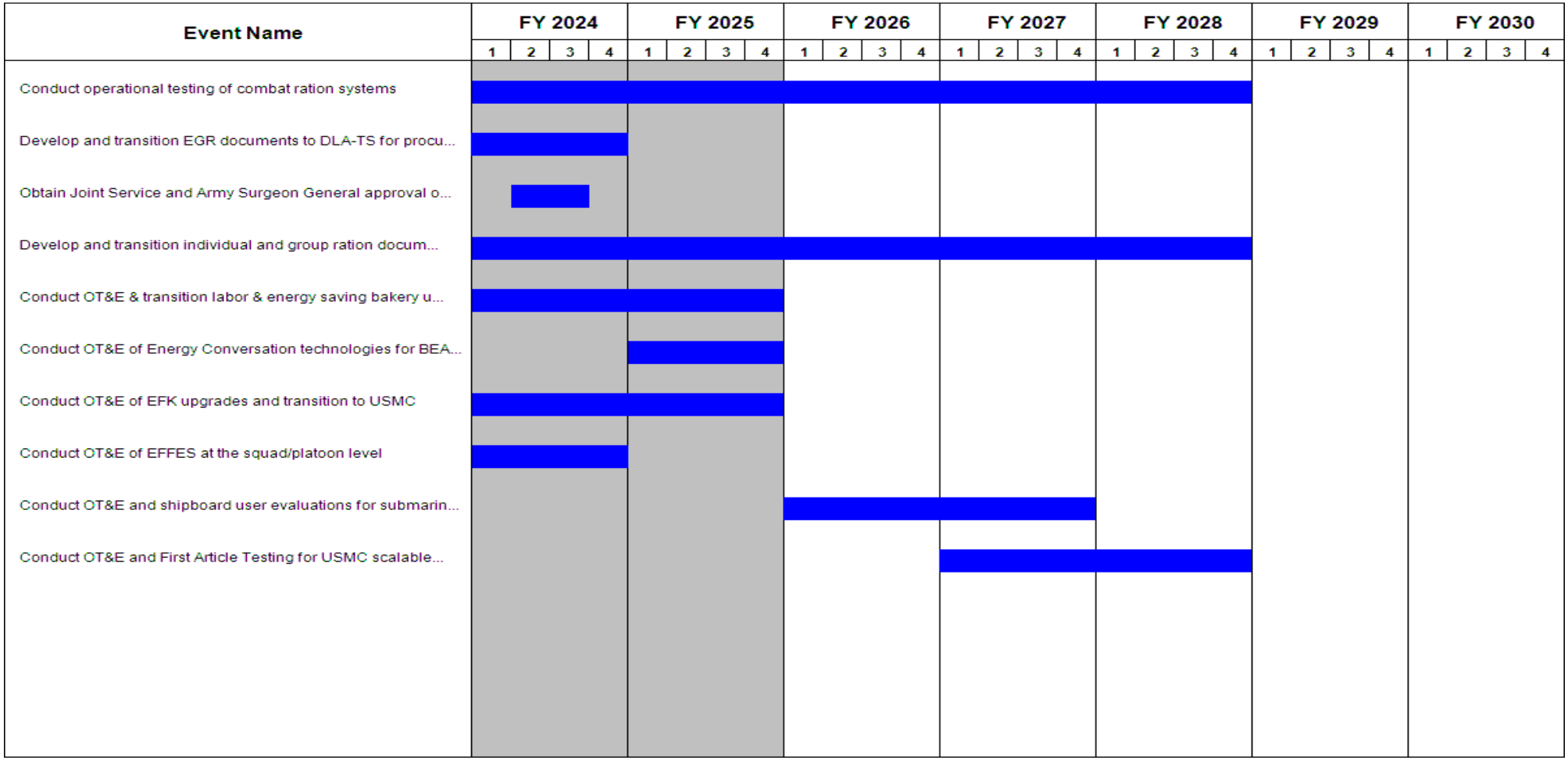

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** 548 / *Mil Subsistence Sys*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Conduct operational testing of combat ration systems	1	2018	4	2028
Conduct OT&E of Close Combat Assault Ration (CCAR)	1	2020	4	2022
Obtain Joint Service and Army Surgeon General approval of first generation CCAR	3	2021	2	2022
Develop CCAR Technical Data Package and contract for Low Rate Initial Production	3	2021	1	2022
Develop and transition CCAR documents to DLA-TS for procurement	1	2022	2	2022
Conduct OT&E of Expeditionary Group Ration (EGR)	1	2023	4	2023
Develop and transition EGR documents to DLA-TS for procurement	2	2023	4	2024
Obtain Joint Service and Army Surgeon General approval of EGR	2	2024	3	2024
Conduct OT&E of through the mask feeding system	1	2023	4	2023
Develop and transition individual and group ration documents annually to DLA-TS	1	2018	4	2028
Obtain Joint Service and Army Surgeon General approval of MORE Performance Pack	2	2022	3	2022
Conduct OT&E & transition labor & energy saving bakery upgrades to USN	1	2024	4	2025
Conduct OT&E of Energy Conversation technologies for BEAR kitchens to USAF	1	2025	4	2025
Conduct OT&E and transition Mobile Feeding Galley to USN	1	2020	3	2020
Conduct OT&E & transition labor & energy saving galley/scullery upgrades to USN	1	2020	4	2021
Conduct OT&E of expeditionary kitchen systems for shore-based Navy units	1	2022	4	2022
Conduct OT&E of Improved Tray Ration Heater and transition to USMC	1	2020	4	2021
Obtain Aerial Delivery Certification of Inflatable Refrigerated Space (IRefS)	1	2020	4	2021
Conduct OT&E of IRefS and transition to Services	1	2021	4	2022
Conduct OT&E of EFK upgrades and transition to USMC	1	2024	4	2025
Conduct OT&E of intuitive kitchen and galley equipment; transition to Services	1	2021	4	2022
Conduct OT&E of EFFES at the squad/platoon level	1	2022	4	2024

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** 548 / *Mil Subsistence Sys*

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Conduct OT&E and shipboard user evaluations for submarine galley systems, transition results to Navy Foodservice Equipment Catalog	1	2026	4	2027
Conduct OT&E and First Article Testing for USMC scalable feeding platforms; qualify systems for production and sustainment;	1	2027	4	2028

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604713A / *Combat Feeding, Clothing, and Equipment*	Project (Number/Name) EL2 / *Army Field Feeding Equipment*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
EL2: *Army Field Feeding Equipment*	-	-	1.703	4.097	-	4.097	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Project supports the development, demonstration and Non-Developmental Item (NDI) Commercial Off-The Shelf (COTS) evaluation of combat feeding equipment to enhance Soldier efficiency, improve Soldier survivability, and reduce food service logistics requirements for the Army. Planned efforts support the rapidly deployable, organically maintained and provisioned field food service equipment initiatives. Operations also support the Engineering and Manufacturing Development (EMD) phase of programs to improve equipment, enhance safety in food service, reduce environmental impact, and decrease fuel and water requirements. This effort develops critical enablers that support the Army's Strategic Planning Guidance by developing and integrating critical expeditionary capabilities that maintain readiness, providing effective solutions that reduce the resource and operational energy footprint, providing modernized deployable kitchen equipment for Army 2030, and enhancing the field Soldier's well-being. This project reduces sustainment requirements, related Combat Support/ Combat Service Support (CS/CSS) demands on lift, the combat zone footprint, and costs for logistical support.

FY2026 funds will be utilized for the development of test-ready RU (refrigeration unit) prototypes and the subsequent conduct of performance, qualification, and MTRCS (Multi-Temperature Refrigerated Container System) Integration testing and following assessment.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: MTRCS RU Replacement	-	1.103	3.297
Description: Provides the next generation refrigeration unit for the Multi-temperature Refrigerated Container System (MTRCS). The MTRCS maintains rations and or/blood at refrigerated or frozen temperatures in ambient temperatures ranging from -25F to 120F. The MTRCS has the capacity to feed 800 soldiers 2 meals a day for 3 days at which point it is replaced in the field by another fully loaded MTRCS. A new Refrigeration Unit (RU) is required to replace the legacy RU which is no longer being produced.			
FY 2025 Plans: Perform design and develop activities for a prototype refrigeration unit that meets the Army's performance requirements for tactical refrigeration.			
FY 2026 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** EL2 / *Army Field Feeding Equipment*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Complete the RU prototype development and conduct performance & environmental qualification testing on one or more prototype created for the testing regimen. Perform integration testing to ensure full compatibility with previous existing MTRCS variants to Army performance requirements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Change from FY 2025 to FY 2026 reflects increase requirements for the development of test-ready RU prototypes and the subsequent conduct of performance, qualification, and MTRCS Integration testing and following assessment.			
Title: AK Integration with JLTV ***Description:*** Mitigates safety issues that have developed from the fielding of the Army's Joint Light Tactical Vehicle (JLTV). The Assault Kitchen (AK) provides heat on the move capability to feed remote company sized units in environments from -25F to 120F all over the world. The AK uses the Army's Unitized Group Ration Heat and Serve (UGR-H&S) to provide hot meals to up to 250 soldiers upon arrival onsite, corresponding to 500 meals daily. The AK is housed in a light tactical trailer that is incompatible with the new JLTV and requires that the AK components be integrated into the trailer that is compatible with the JLTV-T. ***FY 2025 Plans:*** Design, develop, and integrate AK components into testable JLTV and trailer combination. Execute initial in-house testing and formal test program at government facility. ***FY 2026 Plans:*** Complete formal test program and assessment. Generate required update to existing Technical Data Package (TDP). Perform required changes based on design documentation. Approve Engineering Change Proposal (ECP) to reflect the technical change for the AK integration onto the JLTV-T. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Increase reflects the creation of the TDP, as well as the routing and approval process for the corresponding ECP to the current AK product configuration.	-	0.600	0.800
Accomplishments/Planned Programs Subtotals	-	1.703	4.097

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** EL2 / *Army Field Feeding Equipment*

D. Acquisition Strategy

Complete Engineering Manufacturing Development (EMD) of food service items and equipment for transition into competitive procurement contract. Complete advanced research efforts to support Engineer Change Proposals for previously developed equipment.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604713A / *Combat Feeding, Clothing, and Equipment*	Project (Number/Name) EL2 / *Army Field Feeding Equipment*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MTRCS	TBD	TBD : TBD	-	-		0.203	Dec 2024	0.447	Nov 2025	-		0.447	0.000	0.650	-
AK	TBD	TBD : TBD	-	-		0.050	Dec 2024	0.050	Nov 2025	-		0.050	0.000	0.100	-
		Subtotal	-	-		0.253		0.497		-		0.497	0.000	0.750	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MTRCS	TBD	TBD : TBD	-	-		0.750	Apr 2025	0.400	Apr 2026	-		0.400	0.000	1.150	-
AK	TBD	TBD : TBD	-	-		0.400	Nov 2024	0.450	Nov 2025	-		0.450	0.000	0.850	-
		Subtotal	-	-		1.150		0.850		-		0.850	0.000	2.000	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MTRCS	TBD	TBD : TBD	-	-		0.150	Dec 2024	0.300	Nov 2025	-		0.300	0.000	0.450	-
AK	TBD	TBD : TBD	-	-		0.050	Dec 2024	0.050	Nov 2025	-		0.050	0.000	0.100	-
		Subtotal	-	-		0.200		0.350		-		0.350	0.000	0.550	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MTRCS	TBD	TBD : TBD	-	-		-		2.150	Mar 2026	-		2.150	0.000	2.150	-
AK	TBD	TBD : TBD	-	-		0.100	Apr 2025	0.250	Mar 2026	-		0.250	0.000	0.350	-
		Subtotal	-	-		0.100		2.400		-		2.400	0.000	2.500	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604713A / *Combat Feeding, Clothing, and Equipment*	Project (Number/Name) EL2 / *Army Field Feeding Equipment*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		1.703		4.097		-		4.097	0.000	5.800	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** EL2 / *Army Field Feeding Equipment*

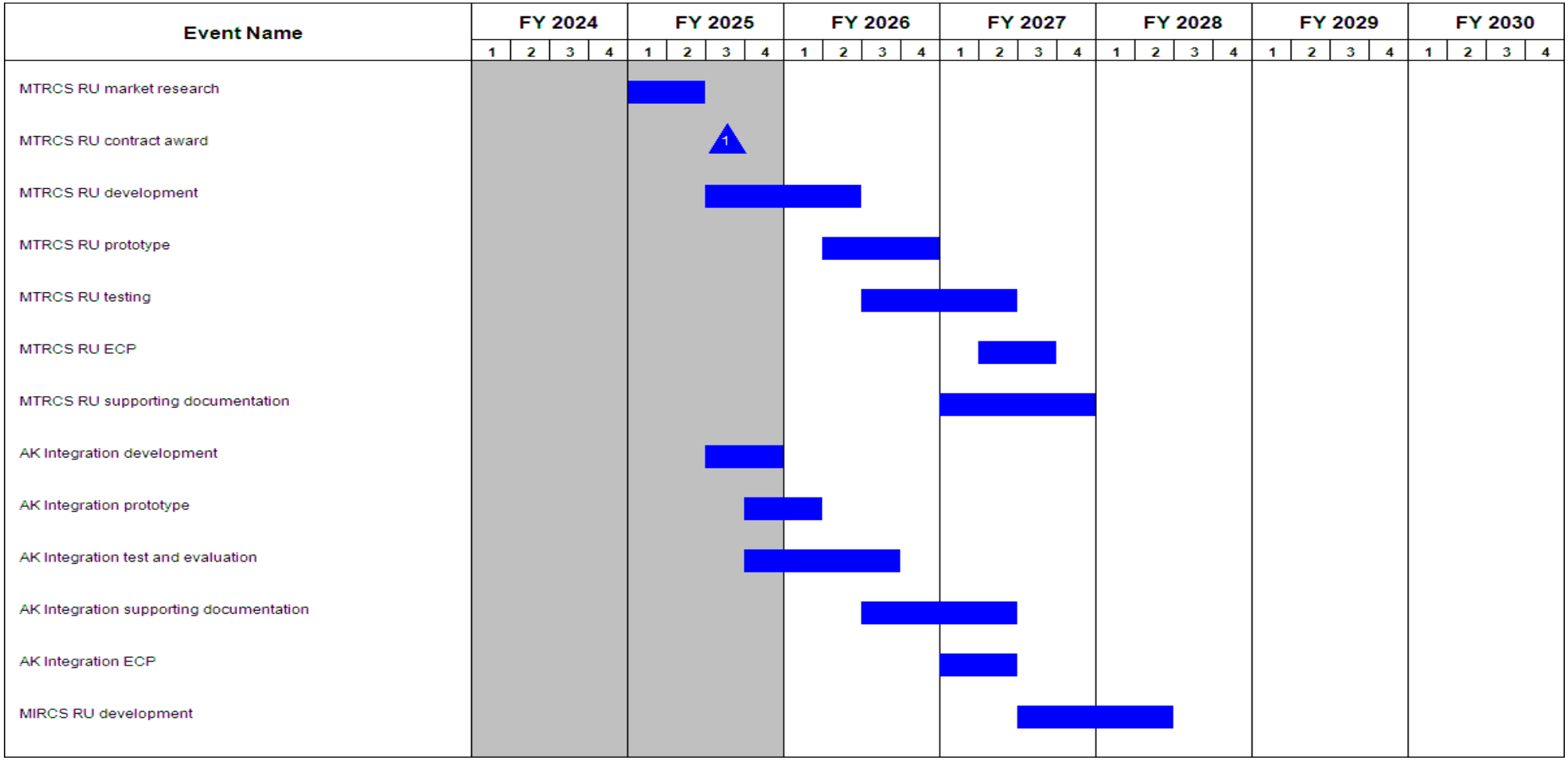

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** EL2 / *Army Field Feeding Equipment*

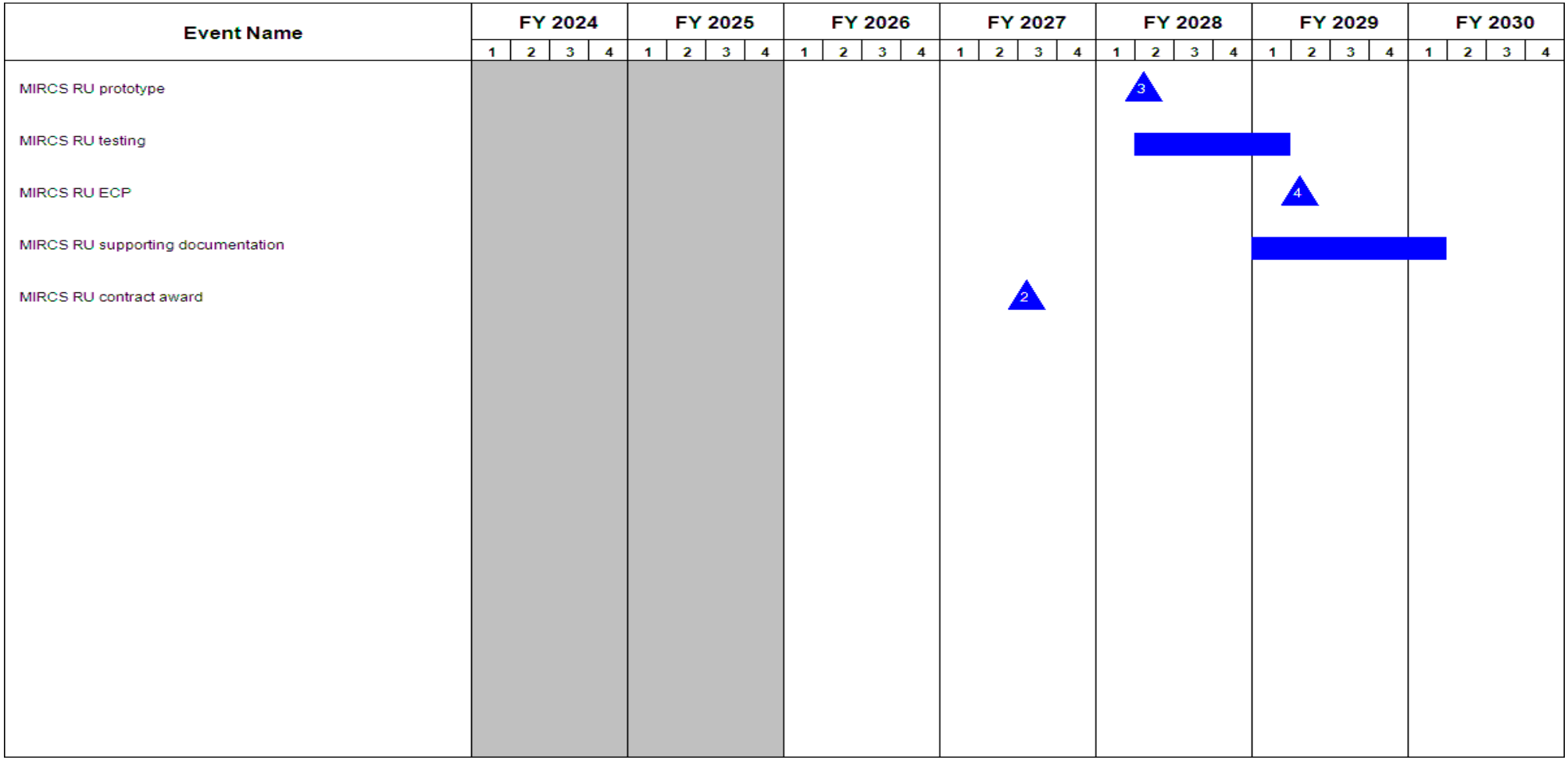

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604713A / *Combat Feeding, Clothing, and Equipment*	**Project (Number/Name)** EL2 / *Army Field Feeding Equipment*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
MTRCS RU market research	1	2025	2	2025
MTRCS RU contract award	3	2025	3	2025
MTRCS RU development	3	2025	2	2026
MTRCS RU prototype	2	2026	4	2026
MTRCS RU testing	3	2026	2	2027
MTRCS RU ECP	2	2027	3	2027
MTRCS RU supporting documentation	1	2027	4	2027
AK Integration development	3	2025	4	2025
AK Integration prototype	4	2025	1	2026
AK Integration test and evaluation	4	2025	3	2026
AK Integration supporting documentation	3	2026	2	2027
AK Integration ECP	1	2027	2	2027
MIRCS RU development	3	2027	2	2028
MIRCS RU prototype	2	2028	2	2028
MIRCS RU testing	2	2028	1	2029
MIRCS RU ECP	2	2029	2	2029
MIRCS RU supporting documentation	1	2029	1	2030
MIRCS RU contract award	3	2027	3	2027

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604715A *I Non-System Training Devices - Eng Dev*

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
Total Program Element	-	20.585	28.427	19.063	-	19.063	-	-	-	-	-	-
241: *Nstd Combined Arms*	-	20.585	28.427	19.063	-	19.063	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Program Element funds development of Non-System Training Devices to support force-on-force and force-on-target training at the Combat Training Centers (CTC), general military training, and training on more than one item/system, as compared with system devices which are developed in support of a specific item/weapon system. Army training devices and training simulations contribute to the modernization of the forces by enabling readiness and strengthening combat effectiveness through realistic training solutions for the Warfighter. Training devices maximize the transfer of knowledge, skills, and experience from the training situation to a combat situation. Force-on-force training and force-on-target at the National Training Center (NTC), Ft. Irwin, CA; Joint Readiness Training Center (JRTC), Ft. Johnson, LA, Joint Multinational Readiness Center (JMRC), Hohenfels, Germany; Home Stations and deployed locations around the world; and battle staff training in Battle Command Training Program (BCTP) provide increased combat readiness through realistic collective training in low, mid, and high intensity scenarios. Project 241, Non-System Training Devices-Combined Arms, develops simulation training devices for Army-wide use, including the CTCs.

FY 2026 Project 241 funds significant development efforts in support of U.S. Army Training and Readiness on the Combat Training Center Instrumentation Systems (CTC-IS), Instrumentable-Multiple Integrated Laser Engagement System (I-MILES), Common Training Instrumentation Architecture (CTIA), Future Army System of Integrated Targets (FASIT), Home Station Instrumentation Training System (HITS), Unmanned Aerial Systems (UAS) Swarm, and Opposing Forces Mechanized Vehicle Replacement (OMVR).

FY 2026 funding in the amount of $5.477 Million is in support of the Pacific Defense Initiative.

The FY 2026 request was reduced by $2.797 million for Advisory and Assistance Services to promote efficiencies and advance the policies of the Administration in alignment with Executive Order 14222, "Implementing the President's Department of Government Efficiency Cost Efficiency Initiative."

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army					Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*			R-1 Program Element (Number/Name) PE 0604715A / *Non-System Training Devices - Eng Dev*		
B. Program Change Summary ($ in Millions)	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**
Previous President's Budget	21.441	28.427	15.555	-	15.555
Current President's Budget	20.585	28.427	19.063	-	19.063
Total Adjustments	-0.856	0.000	3.508	-	3.508
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.073	-			
• SBIR/STTR Transfer	-0.783	-			
• Adjustments to Budget Years	-	-	3.508	-	3.508

Change Summary Explanation

Funding change in FY 2026 from the previous PB to the current PB reflects reprioritization of resources within the Army portfolio to account for Opposing Mechanized Vehicle Replication (OMVR) program costs and prototyping of visual modification kits.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army											Date: June 2025	
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604715A / *Non-System Training Devices - Eng Dev*				Project (Number/Name) 241 / *Nstd Combined Arms*			
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
241: *Nstd Combined Arms*	-	20.585	28.427	19.063	-	19.063	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Common Training Instrumentation Architecture (CTIA) program is the foundation architecture of the Live Training Transformation Family of Training Systems (LT2-FTS). The program contains critical core product-line architecture which provides commonality across training instrumentation systems and interoperability across Live, Virtual, Constructive Integrated Training Environment (LVC-ITE) and joint training systems. CTIA includes Army owned software components, architecture services, standards, protocols and governance used by domain-specific Live Training Transformation (LT2) and Live Training Systems (LTS) to include instrumented Force-On-Force (FOF) and Force-On-Target (FOT) training requirements. The CTIA also provides Post Deployment Software Support (PDSS) and technology refresh for the LT2 family of LTS supporting over 23 live instrumented training products which are fielded at over 200 CONUS and OCONUS sites across the Army.

Combat Training Center Instrumentation System (CTC-IS) funds the continued development of the existing Instrumentation Systems (IS) at the National Training Center (NTC), Joint Readiness Training Center (JRTC) and Joint Multinational Readiness Center (JMRC). CTC-IS funds the development of the Integrated Tactical Network Communication System integration into the CTC-IS and development and integration of new warfighting capabilities into the CTC-IS to provide high-fidelity live, virtual, and constructive brigade training rotations which prepare Brigade Combat Teams (BCTs), Joint partners, and supporting units to deploy in support of the Army Sustainable Readiness Model (SRM). The CTCs primary goal is to develop agile and adaptive leaders at the tactical, operational, and strategic levels while providing BCTs the core training necessary to conduct decisive action in a dynamic operating environment.

The Instrumentable-Multiple Integrated Laser Engagement System (I-MILES) program provides realistic, real-time casualty effects for force-on-force tactical engagement training scenarios. Its ability to integrate into training instrumentation systems provides for high fidelity combined arms combat exercises supporting Readiness and closely aligns with the Modernization priority of Soldier Lethality. I-MILES is required for use at Home Stations, the Combat Training Centers (CTCs) and in theater of operations to meet force-on-force training requirements. I-MILES program funding provides for the Development and Integration of new vehicle and dismount weapon systems meeting the Common Operating Environment (COE) requirements, as well as embedded Tactical Engagement Simulation System (TESS) development. This includes development efforts of the Live Training Engagement Composition (LTEC) / Live Player Area Network (LPAN) Development of Legacy software patches that incorporate the Government owned LTEC operating system software. This creates a common architecture that provides the ability to develop new services to adapt to evolving Army requirements (i.e. Changes in weapon platforms, technologies, Pk Table Updates).

The Home Station Instrumentation Training System (HITS) currently provides a high-fidelity deployable instrumented training capability to support platoon thru battalion ground-based Soldiers and vehicles in Force-on-Force Training. HITS tracks location of soldiers and vehicles and simulates weapons' effects and engagements, allowing units to "Train as they Fight" against live opponents. HITS provides accurate feedback to training units. HITS consists of light deployable components that can be rapidly assembled/disassembled and transported to support deployed training. HITS is a member of the Live Training Transformation (LT2) product line of training systems implementing hardware and software reuse with other Instrumentation Systems (IS). HITS provides the only Live training component for the large scale Live-Virtual-Constructive (LVC) military training exercises.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
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The Medical Simulation Training Center (MSTC) provides realistic medical training to both medical and non-medical Soldiers in the Active, Reserve, and National Guard. MSTCs provide hands-on instruction on the latest battlefield trauma and critical care techniques based on Army Medical Center of Excellence (MEDCoE) approved performance-oriented Program of Instruction (POI). Medical treatment validation exercises simulate the high stress of performing medical interventions in combat. MSTC supports Unit Medical Readiness by validating Combat Medic (68W) Emergency Medical Technician (EMT) biennial recertification requirements and provides Combat Lifesaver (CLS) training to non-medical Soldiers. The Tactical Combat Casualty Care Exportable (TC3X) Soldier System provides capability to train Soldiers on medical Warrior skills at the individual, leader, and collective levels.

The Live, Virtual, Constructive Integrating Architecture (LVC-IA) provides a net-centric linkage that collects, retrieves and exchanges data among LVC Training Aids, Devices, Simulations, and Simulators (TADSS) to include: Games For Training (GFT), Home Station Instrumentation Training System (HITS), Joint Land Component Constructive Training Capability (JLCCTC) and Synthetic Environment Core (SE Core), Universal Mission Simulator (UMS) and Mission Command Information Systems (MCIS). The LVC-IA defines "how" information is exchanged among the different LVC domains and the MCIS. The LVC-IA provides enterprise level tools for exercise control, after action review, and system information assurance. It develops hardware and software to interface the different Live, Virtual, Constructive and Gaming communication protocols and to provide a correlated common operating picture for the training audience on their organic Mission Command equipment. The integration of the LVC TADSS with the Mission Command equipment will enable larger and more robust training events, to better prepare U.S. Soldiers for their missions at an overall reduced cost. The end-state goal is to enable an LVC Integrated Training Environment that can replicate Operational Environments in a cost-effective manner to provide a high level of value-added training and mission rehearsal opportunities to Army Commanders and their Soldiers. In FY 2019, the LVC-IA program commence design and developmental activities for Version 4, which allowed for Web-based optimization; inclusion of new simulations to the architecture; and concurrency with core system TADSS and MCIS through FY 2022.

Future Army System of Integrated Targets (FASIT) provides Live Fire training systems and software capable of supporting all Army automated ranges and its Installations around the world. The FASIT training systems include: A single, universal target control software for all automated ranges (ground and aviation) identified in TC 25-8, providing users a controller with a common look and feel; downrange stationary and moving infantry and armor Presentation Devices (PDs) that interact with the control software to present targets and provide scoring feedback; battlefield/weapons effects devices that simulate combat situations, visuals, and sounds; and targets that provide visual, and thermal representations of friendly/threat engagements. The FASIT systems enable trainers to develop scenarios to simulate wartime mission tasks in a stressful battlefield environment.

Unmanned Aerial Systems (UAS) Swarm provides integrated, multi-domain threat representative UAS platforms through custom UAS components and payloads that challenge training communities' execution of UAS Tactics, Techniques and Procedures, use of current and evolving UAS technologies (i.e., Drone buster), and gives feedback on their vulnerabilities to UAS-enabled Intelligence, Surveillance, and Reconnaissance, Cyber, Electronic Warfare, Dynamic Targeting and Swarm operations.

Opposing Forces Mechanized Vehicle Replacement (OMVR) will consist of a common Army tracked platform that uses sectional visual modifications (VISMODs) to represent and replicate five of six Opposing Force warfighting vehicles and their combat capability functions. OMVR will provide peer-threat representative tracked/ mechanized vehicles and formations to the Rotational Training Unit (RTU) across the depth and breadth of the training area to provide intelligence support to decision making and provide the opposing force (OPFOR) units with a sustainable system that is safe for soldiers to install, operate, and maintain.

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Pacific Multi-Domain Training & Experimentation Capability (PMTEC) enables Joint, Combined, and Coalition warfighters to realistically rehearse fighting in highly contested all-domain environments against peer adversary capabilities supporting the integrated Pacific Deterrence Initiative. Provide Training and Operations Support through the cloud enterprise to set up a cloud-based infrastructure and network for intelligence and warfighter training, information sharing, and collaboration. U.S. Army Japan operates in a contested logistics environment with increased threats to supply chains, reduced mobility and freedom of movement; and the need to operate in austere and resource-constrained environments. This task involves providing comprehensive support to ensure the successful delivery of modular data centers.

US Army Pacific (USARPAC) Low-Cost Threat Emitter (LCTE) Prototypes support the expansion of the existing emitter environment and integration of data from the threat emitters into other required systems for real-time decision-making during operations. In support of the USARPAC LCTE prototypes for the Pacific Multi-Domain Training and Experimentation Capability campaign plan, funding will be used to instrument high-end threat replication capabilities using Integrated Air Defense Radar emulators that operate from mid-S-Band to mid-C-Band as well as X-Band to fulfill this requirement.

Combines Joint Systems Integration Laboratory (CJSIL) USARPAC will establish U.S. Army Combat Capabilities Development Command (DEVCOM) CJSIL nodes to enhance experimentation in support of the IPWC for the future force. Access through the CJSIL increases and improves integrated experimentation with emerging C5ISR capabilities & DOD technologies.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Common Training Instrumentation Architecture (CTIA) program.	2.626	2.830	2.563
Description: Continue EMD phase contract activities for the CTIA program to provide common architecture capabilities essential for development, fielding, technology and capability insertion for 23 Live Training Systems at 200+ training locations worldwide ***FY 2025 Plans:*** FY 2025 Base RDTE dollars in the amount of $2.830 million will fund the continued development of CTIA to provide the common architecture capabilities that are essential for development, fielding, technology and capability insertion for 23 Live Training Systems at 200+ training locations worldwide. CTIA will continue to support the DevSecOps pipeline support, Cyber Security software updates and hardening. Along with reducing the architecture backlog, which consists of defining a new set of requirements and use cases related to Backup/Restore/Purge/Archive, SISO standard update and tactical voice monitor software to the latest version. Lastly, base RDTE dollars will establish enterprise level business processes and services enabling CTIA to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Efforts will promote synergies between the training and testing enablers to improve product development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2026 Plans:*** FY 2026 Base RDTE dollars in the amount of $2.563 million for CTIA will continue the development of high priority backlog items, such as decoupling IDs to remove unnecessary dependencies between services. Additionally, funding will support updates to			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
the CTIA 2D map to MIL-STD-2525D and integrate Artificial Intelligence/Machine Learning (AI/ML) into the live training ranges to assist the range support personnel. Lastly, base RDTE dollars will establish enterprise level business processes and services enabling CTIA to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Efforts will promote synergies between the training and testing enablers to improve product development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in funding from FY2025 to FY2026 reprioritization of funds to support OSD and Army Transformation and Acquisition Reform.			
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Combat Training Center Instrumentation System (CTC-IS). ***Description:*** Continue EMD phase contract activities for the CTC-IS. ***FY 2025 Plans:*** FY 2025 Base RDTE dollars in the amount of $4.160 million will fund multiple efforts: Artificial Intelligence - Study on the application of Artificial Intelligence (AI) for the development of After Action Review (AAR) products. Research the opportunity of utilizing AI software to analyze Combat Training Center training events for cause and effect, which would provide more swift in-depth awareness to trainers for AAR purposes. Assessments - New Systems consists of design and integration of the capture of multiple waveforms of Rotational Unit voice communications for Exercise Control and AAR products. The funding will also integrate Synthetic Training Environment (STE) Live components into the Instrumentation System, evolving the capability of the Instrumentation to capture new weapons and threats. ***FY 2026 Plans:*** FY 2026 Base RDTE dollars in the amount of $0.606 million will fund integration of the Integrated Tactical Network (ITN) radio into the Combat Training Center Instrumentation System. Additionally, base funding will establish enterprise level business processes and services enabling the CTC IS program to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Efforts will promote synergies between the training and testing enablers to improve product development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:***	0.498	4.160	0.606

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Changes reflect completion of developmental efforts tied to ITN Radio in FY 2025 and efforts shifting to integration in FY 2026.			
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Instrumentable-Multiple Integrated Laser Engagement System (I-MILES). ***Description:*** Contract activities for the I-MILES program. ***FY 2025 Plans:*** FY2025 Base RDTE dollars in the amount of $3.985 million will fund continued service life extension development efforts to redesign the Tactical Vehicle System (TVS) and Individual Weapon System (IWS) product line key components to extend product life and supportability as a result of them reaching end of useful life. Funding will commence development and integration of Synthetic Training Environment-Live Training System (STE-LTS) capabilities into Vehicle Tactical Engagement Simulation System (VTESS) kits along with the US Army Electronics Proving Ground (EPG) testing support. ***FY 2026 Plans:*** FY 2026 Base RDTE dollars in the amount of $1.360 million will fund continued service life extension development efforts for the Sholder Launch Munitions (SLM) product line key components to extend product life and supportability as a result of the SLM reaching end of useful life. Additionally, base funding will establish enterprise level business processes and services enabling the MILES program to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Efforts will promote synergies between the training and testing enablers to improve product development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in FY 2026 from FY 2025 reflects completion of the Tactical Vehicle System (TVS) and Individual Weapon System (IWS) product service life extension efforts.	3.457	3.985	1.360
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Home Station Instrumentation Training System (HITS) program. ***Description:*** EMD phase contract activities for the HITS program. ***FY 2026 Plans:*** FY 2026 Base RDTE dollars in the amount of $0.597 million will provide integration of the Integrated Tactical Network (ITN) into the HITS baseline. Additionally, base funding will establish enterprise level business processes and services enabling the HITS program to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Efforts will promote synergies between the training and testing enablers to improve product	0.474	-	0.597

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Increase in FY 2026 from FY 2025 reflects increased efforts to integrate new ITN capability for voice tactical monitoring.			
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Medical Simulation Training Center (MSTC). ***Description:*** Contract activities for the MSTC program to develop the Virtual Patient System technologies. The approved MSTC Capability Production Document (CPD), Inc 1, Rev 1, dtd 6 MAR 2019, shows capability has additional unfulfilled requirements. The MSTC CPD requires that ALL GENDERS shall be represented within the medical training simulations and scenarios. The FEMALE GENDER is now under development. The CPD also states that realistic medical scenarios are required, which are also being developed.	0.289	-	-
Title: Live, Virtual, Constructive Integrating Architecture (LVC-IA) Engineering and Manufacturing Development (EMD) phase contract activity. ***Description:*** Continue EMD phase contract activities for the LVC-IA program. ***FY 2025 Plans:*** Live, Virtual, and Constructive-Integrating Architecture (LVC-IA) program will continue system development, integration and demonstration of the LVC-IA capability to ensure concurrency with Synthetic Training Environment (STE), core system Training Aids, Devices, Simulations, and Simulators (TADSS), and Army Mission Command Information Systems ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in funding from FY 2025 to FY 2026 due to realignment within 0604715A / Non-System Training Devices - Eng Dev planned programs.	2.830	3.315	-
Title: Live, Virtual, Constructive Integrating Architecture (LVC-IA) Program Government System Test and Evaluation. ***Description:*** Government System Test and Evaluation for the LVC-IA Program. ***FY 2025 Plans:*** LVC-IA will continue integration, testing and evaluation activities in support of LVC-IA interoperability with STE, TADSS and Mission Command Information Systems. ***FY 2025 to FY 2026 Increase/Decrease Statement:***	0.385	0.393	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Decrease in funding from FY 2025 to FY 2026 due to realignment within 0604715A / Non-System Training Devices - Eng Dev planned programs.			
Title: Government Program Management for the Live, Virtual, Constructive Integrating Architecture (LVC-IA) Program. ***Description:*** Government Program Management for the LVC-IA Program. ***FY 2025 Plans:*** Will provide program management, engineering and technical oversight, contract support, and travel for the LVC-IA Program. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in funding from FY 2025 to FY 2026 due to realignment within 0604715A / Non-System Training Devices - Eng Dev planned programs.	0.338	0.345	-
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Future Army System of Integrated Targets (FASIT). ***Description:*** The FASIT program's primary innovation goals are the development of advanced human type targets, non-contact area scoring technology, combat ID targets, electromagnetic/cyber replication, multi-domain operations, and augmented reality on live fire ranges; all aimed at increasing training realism, enhancing Soldier lethality, and lowering life cycle costs. ***FY 2025 Plans:*** FY 2025 Base RDTE dollars in the amount of $2.860 million provides for the development of the prototype systems focused on Combat Identification in support of Multi-Domain operations. Currently aviation platforms cannot use their thermal and radar detection systems to identify threat systems when training on live-fire ranges. This funding will provide for the maturation of the systems to be demonstrated in a relevant environment. Additionally, the funding will provide continuing maturation of the Advanced Human Type Target. This capability will be demonstrated in a live-fire shoothouse and provides a more realistic mannequin that has multiple hit zones, collapses realistically, and resets itself onto its stand without manual intervention. ***FY 2026 Plans:*** FY 2026 Base RDTE dollars in the amount of $2.837 million provides for the continued development of the prototype systems focused on Combat Identification in support of Multi-Domain operations. Currently aviation platforms cannot use their thermal and radar detection systems to identify threat systems when training on live-fire ranges. This funding will provide for the ongoing maturation of the systems to be demonstrated in a relevant environment. Additionally, the funding will provide final maturation of the Advanced Human Type Target. This capability will be demonstrated in a live-fire shoot house and provides a more realistic mannequin that has multiple hit zones, collapses realistically, and resets itself onto its stand without manual intervention. Additionally, base funding will establish enterprise level business processes and services enabling the FASIT program to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations	0.905	2.860	2.837

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Strategies. Efforts will promote synergies between the training and testing enablers to improve product development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Minor decrease in FY 2026 from FY 2025 reflects PB26 Issue OPS305 which resulted in reduction of funds to Service Contracts.			
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Unmanned Aerial System (UAS) Swarm ***Description:*** Unmanned Aerial Systems (UAS) Swarm provides integrated, multi-domain threat representative UAS platforms through custom UAS components and payloads that challenge training communities' execution of UAS Tactics, Techniques and Procedures, use of current and evolving UAS technologies (i.e., Drone buster), and gives feedback on their vulnerabilities to UAS-enabled Intelligence, Surveillance, and Reconnaissance, Cyber, Electronic Warfare, Dynamic Targeting and Swarm operations. ***FY 2025 Plans:*** Provides sustainment of the deployed UAS Swarm hardware and software at the Combat Training Centers (CTCs), as well as the testing and airworthiness release support to incorporate these updates. Provides spares required for airframes, ground control stations, batteries, and battery chargers to maintain operational readiness. Software sustainment includes bug and safety patches encountered during operations as well as enhancements to usability based on customer feedback. ***FY 2026 Plans:*** Provides sustainment of the deployed UAS Swarm hardware and software at the Combat Training Centers, as well as the testing and airworthiness release support to incorporate these updates. Provides spares required for airframes, ground control stations, batteries, and battery chargers to maintain operational readiness. Software sustainment includes bug and safety patches encountered during operations and enhancements to usability based on customer feedback. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in funding from FY 2025 to FY 2026 due to realignment within 0604715A / Non-System Training Devices - Eng Dev planned programs.	0.862	0.398	0.200
Title: Prototype phase contract activity for Opposing Forces Mechanized Vehicle Replacement (OMVR) ***Description:*** The Opposing Forces Mechanized Vehicle Replacement (OMVR) will consist of a common Army tracked platform that uses modular visual modifications (VISMODs). This capability will allow the Opposing Forces to replicate five of the six warfighting functions. This replication will train Army units to synchronize all Intelligence, Surveillance, and Reconnaissance (ISR) assets available to the Brigade Combat Rotational Training Unit (RTU) across the depth and breadth of the training area, and provide the Opposing Force (OPFOR) and the Army with a sustainable system that is safe for Soldiers to operate and maintain. ***FY 2025 Plans:***	1.444	3.929	5.423

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Funding will be used to complete a baseline analysis on a host chassis vehicle in order to prepare for Visual Modifications (VISMODs) to be designed, developed, and integrated into the host vehicles. Efforts will also include preparation of a contract package that will support the prototyping of the OMVR VISMODS. ***FY 2026 Plans:*** Funding will be used to initiate design, development and integration on three (3) of nine (9) Visual Modifications (VISMODS) variants. Efforts will also include Soldier touchpoints and preliminary design review. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Increase in FY 2026 from FY 2025 reflects three (3) additional VISMODs for design, development, integration, and Soldier touchpoints. Will support prototype integration testing requirements.			
Title: USARJ Cyberspace Integration	2.587	2.705	1.986
Description: Pacific Multi-Domain Training & Experimentation Capability (PMTEC) enables Joint, Combined, and Coalition warfighters to realistically rehearse fighting in highly contested all-domain environments against peer adversary capabilities supporting the integrated Pacific Deterrence Initiative. Provide Training and Operations Support through the cloud enterprise to set up a cloud-based infrastructure and network for intelligence and warfighter training, information sharing, and collaboration. U.S. Army Japan operates in a contested logistics environment with increased threats to supply chains, reduced mobility and freedom of movement; and the need to operate in austere and resource-constrained environments. This task involves providing comprehensive support to ensure the successful delivery of modular data centers. ***FY 2025 Plans:*** FY2025 RDT&E dollars in the amount of $2.705 million will fund USAR-J's integrated multi-domain training FWD in Japan in FY24-28, advancing USARPAC multi-domain land power objectives and experimentation throughout the Pacific Theater. This effort will support cyberspace domain integration into Army exercises in Japan (Orient Shield, Yama Sakura, North Wind). This will be accomplished via a Cyberspace exercise integration services contract that will enable realistic cyber training for Joint and Bilateral exercises and support USARPAC Multi-Domain Operations (MDO) experimentation FED in Japan. This effort will transition current USAR-J cyber OAIs from notional white card cyber training to practical value-added cyberspace exercise integration providing active cyberspace simulation venues for MDTF/MDEB, US cyber, and JSDF system protection unit (cyber) teams to train on METL and exercise objectives. They include: Exercise MDTF All Domain Operations Center (ADOC) FWD into exercise networks; Conduct Cyber, information operations, and electromagnetic spectrum training utilizing AI/ML stimulated information environment; Develop and exercise threat hunting ability between partners, increased awareness of DOD and NCMF players of partner capability in cyber; Refine and exercise bilateral cyber development TTPs/SOPs; Improve US-Japan response capability to cyber-attacks on US-Japan common equipment. ***FY 2026 Plans:***			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Provide strategy/assessments, technical and functional engineering, network engineering, cloud engineering, software development/integration, enterprise architecture/model-based system engineering, and global integration to enable PMTEC initiatives. Tasks include business process digitization; knowledge management; formalizing strategy to execution, authoring implementation plans, conducting solution assessments, developing roadmaps, engaging with stakeholders, managing project risk, executing analysis to create pathways to optimization, and employing commercial solutions as an enterprise platform solution. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2025 to FY 2026 funding decrease represents a reduction of PMTEC requirements.			
Title: Establish Combined Joint System Integration Laboratory (CJSIL) Nodes ***FY 2025 Plans:*** FY2025 Base RDT&E dollars in the amount of $1.503 million will fund a program to extend the Combined Joint Systems Integration Lab (CJSIL) test floor using a deployable "forward node" to support USARPAC experimentation. This is in support of the INDOPACOM Pacific Warfighting Concept for the future force. Access through the CJSIL increases and improves integrated experimentation with emerging C5ISR capabilities and DOD technologies. This program will 1. Provide the connection point of Army and Joint service experimentation. Connects Army and Joint service labs in a single, virtual, operational realistic tactical network environment, enabling greater collaboration for better solutions. 2. Provide a realistic and scalable tactical network architecture comprised of current / future tactical radios, software applications and transport systems to provide a system of systems integration and testing environment for emerging communications and networking technologies; 3. Assess whether new or enhanced tech work with fielded systems; 4. Replicate realistic operational conditions to understand the effect on systems' resilience and reliability; 5. Contain five network floors (Closed Restricted, Project Convergence/Operational Test, Army Persistent Experimentation Environment, JADC2 Development/Demonstration Environment, and Coalition Experimentation). ***FY 2026 Plans:*** FY2026 RDT&E dollars in the amount of $1.496 million will fund a program to extend the Combined Joint Systems Integration Lab (CJSIL) test floor using a deployable "forward node" to support USARPAC experimentation. This is in support of the INDOPACOM Pacific Warfighting Concept for the future force. Access through the CJSIL increases and improves integrated experimentation with emerging C5ISR capabilities and DOD technologies. This program will 1. Provide the connection point of Army and Joint service experimentation. Connects Army and Joint service labs in a single, virtual, operational realistic tactical network environment, enabling greater collaboration for better solutions. 2. Provide a realistic and scalable tactical network architecture comprised of current / future tactical radios, software applications and transport systems to provide a system of systems integration and testing environment for emerging communications and networking technologies; 3. Assess whether new or enhanced tech work with fielded systems; 4. Replicate realistic operational conditions to understand the effect on systems'	1.379	1.503	1.496

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
resilience and reliability; 5. Contain five network floors (Closed Restricted, Project Convergence/Operational Test, Army Persistent Experimentation Environment, JADC2 Development/Demonstration Environment, and Coalition Experimentation). ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in funding from FY 2025 to FY 2026 due to realignment within 0604715A / Non-System Training Devices - Eng Dev planned programs.			
Title: USARPAC Low Cost Threat Emitter (LCTE)	2.511	2.004	1.995
Description: US Army Pacific (USARPAC) Low-Cost Threat Emitter (LCTE) Prototypes support the expansion of the existing emitter environment and integration of data from the threat emitters into other required systems for real-time decision-making during operations. In support of the USARPAC LCTE prototypes for the Pacific Multi-Domain Training and Experimentation Capability campaign plan, funding will be used to instrument high-end threat replication capabilities using Integrated Air Defense Radar emulators that operate from mid-S-Band to mid-C-Band as well as X-Band to fulfill this requirement. ***FY 2025 Plans:*** FY2025 RDTE dollars in the amount of $2.004 million will fund the US Army Pacific (USARPAC) Low Cost Threat Emitter (LCTE) prototypes which supports the Pacific Multi-Domain Training and Experimentation Capability campaign plan to instrument high end threat replication capabilities. USARPAC conducts spiral development and experimentation with LCTE prototype systems in partnership with US Army Intel Center of Excellence, Electronic Proving Ground, UASF 56th Range Management Office, and Arizona State University Affiliated Research Center. The LCTE is a portable system that contributes to the electromagnetic spectrum (EMS) effects toolkit for realistic, Joint training. An LCTE formation can create an integrated air defense system threat operating environment that can closely mimic our adversary's Anti-Access Area Denial bubble to include radars, vehicle signatures, and unit EMS signatures. By utilizing sophisticated, abundant, integrated, and easily deployable threat emitters during training, the Joint Force can better understand the threat spectrum and how to best operate in a contested environment. ***FY 2026 Plans:*** Low-Cost Threat Emitter dollars in the amount of $1.995 million will be utilized to continue the expansion of the existing emitter environment and start integration of data from the threat emitters into other required systems for real-time decision-making during operations. Optimizing the replication of an Anti-Access Aerial Denial environment, vehicle signatures, and other Radio Frequency mechanisms will create a higher fidelity live electronic battle and continue to improve readiness at a fraction of the cost of legacy systems for all Indo-Pacific Command ranges. ***FY 2025 to FY 2026 Increase/Decrease Statement:***			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Decrease in funding from FY 2025 to FY 2026 due to realignment within 0604715A / Non-System Training Devices - Eng Dev planned programs.			
Accomplishments/Planned Programs Subtotals	20.585	28.427	19.063

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• MA6600: *Combat Training Centers Support*	61.119	38.682	49.025	-	49.025	-	-	-	-	-	-
• NA0100: *Training Devices, Nonsystem*	216.831	174.890	189.306	-	189.306	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Competitive development efforts based on performance specifications.

1. Combat Training Center Instrumentation Systems (CTC-IS) will leverage multiple contract vehicles to award their RDTE efforts to include: Assisted Acquisition Services (AAS) Defense, Consolidated Product-line Management (CPM) Plus, Live Training, Ranges, and Combat Training Centers (LTRaC) and Defense Logistics Agency (DLA).

2. In FY 2020, CTIA awarded a new competitive IDIQ contract with a 1-year base and 7 single-year option periods to General Dynamics Mission Systems to continue to provide the common architecture for 22 live training systems at 200+ training locations worldwide.

3. In FY2022, the Live, Virtual, Constructive Integrating Architecture (LVC-IA) program awarded a new competitive IDIQ contract with a 2-year base period, two 2-year option periods and four 1-year option periods to Dignitas Technologies, LLC. The LVC-IA concurrency and Synthetic Training Environment interoperability will be executed under this contract.

4. In FY 2024, FASIT has incrementally fund the Small Business Innovative Research Phase III contract for the development of the NCAST capabilities.

5. In FY 2025, FASIT will incrementally fund the separate Small Business Innovative Research Phase III contracts for the development of the Combat Identification and Advanced Human Type Target capabilities.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

6. In FY 2026, FASIT will incrementally fund the separate Small Business Innovative Research Phase III contracts for the development of the Combat Identification and Advanced Human Type Target capabilities.

7. In FY 2023-2026, Instrumentable-Multiple Integrated Laser Engagement System (I-MILES) will leverage the General Dynamics contract vehicle, the Bridge to Enduring STE TESS Multiple Award Contract (BEST MAC), and competitive OTA approaches to address EUL / relevancy challenges as product lines reach those trigger points in their life cycle or changes to weapon system configurations drive those actions. By FY23 three of the five I-MILES product lines will be at end of useful live. These efforts will enable a wide range of industry partners to integrate LTEC/LPAN into existing systems and execute Tech Refresh activities as required until Live STE capabilities are introduced.

8. UAS Swarm will continue to provide the U.S. Army Combined Training Centers with UAS Swarm support utilizing the existing Aviation and Missile Technology Consortium OTA.

9. In FY 2024, OMVR awarded an Other Transaction Agreement (OTA) for the initial prototype development and design, logistics planning for the OMVR program. The OTA will support the development, design, fabrication, testing, fielding, and sustainment of the OMVR Visual Modifications (VISMODs) to the Combat Training Centers.

10. In FY 2025, OMVR will incrementally fund the prototyping of VISMOD variant designs to the Combat Training Centers.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604715A / *Non-System Training Devices - Eng Dev*	Project (Number/Name) 241 / *Nstd Combined Arms*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LVC-IA Program Management	Various	PEO STRI : Orlando, FL	11.893	0.338	Feb 2024	0.345	Feb 2025	-		-		-	Continuing	Continuing	Continuing
		Subtotal	11.893	0.338		0.345		-		-		-	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
I-MILES	Option/ IDIQ	General Dynamics Mission Systems : Orlando, FL	9.103	2.109	Feb 2025	-		0.246	Feb 2026	-		0.246	Continuing	Continuing	Continuing
I-MILES	C/FFP	National Security Technology Accelerator : Orlando, FL	2.177	1.308	Jan 2024	2.485	Dec 2024	0.368	Feb 2026	-		0.368	Continuing	Continuing	Continuing
I-MILES SLEP Development	C/TBD	TBD : TBD	-	-		1.372	Feb 2025	0.611	Feb 2026	-		0.611	Continuing	Continuing	Continuing
HITS	Option/ IDIQ	General Dynamics Mission Systems (GDMS) : Orlando, FL 32826	10.453	0.474	Mar 2024	-		0.597	Mar 2026	-		0.597	Continuing	Continuing	Continuing
MSTC Development	C/FP	Multiple : Various	7.682	0.289	Feb 2024	-		-		-		-	0.000	7.971	8.014
LVC-IA Follow-On Contract	C/CPFF	Dignitas Technologies, LLC : Orlando, FL	5.683	2.830	Apr 2024	3.315	Apr 2025	-		-		-	Continuing	Continuing	Continuing
CTIA	C/CPFF	General Dynamics Mission Systems, Inc (GDMS) : Orlando, FL	9.667	2.626	Jan 2024	2.830	Jan 2025	2.563	Jan 2026	-		2.563	Continuing	Continuing	Continuing
CTC-IS	C/FFP	Defense Assisted Acquisdion Services (AAS) : Orlando, Fl	49.801	0.498	May 2024	4.160	Jun 2025	0.606	Jan 2026	-		0.606	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Future Army Systems of Integrated Targets (FASIT) Non-Contact Area Scoring Technology	C/CPFF	SensorMetrix : San Diego, CA	1.241	0.905	Nov 2023	-		-		-		-	Continuing	Continuing	Continuing
Future Army Systems of Integrated Targets (FASIT)	C/CPFF	Small Business Innovation Research (SBIR) : TBD	0.997	-		2.860	Mar 2025	2.837	Mar 2026	-		2.837	Continuing	Continuing	Continuing
Unmanned Aerial System Swarm	Option/ CPFF	Colsa : Huntsville, AL	2.157	0.862	Jan 2024	0.398	Mar 2025	0.200		-		0.200	Continuing	Continuing	Continuing
OMVR	C/FFP	BAE Systems : Sterling Heights, MI	-	1.444	Jun 2024	3.929	May 2025	5.423	May 2026	-		5.423	Continuing	Continuing	Continuing
Combined Joint System Integration Laboratory (CJSIL) Nodes	C/TBD	USARPAC : PACIFIC REGION	-	1.379	May 2024	1.503	May 2025	1.496	May 2026	-		1.496	0.000	4.378	-
USARJ Cyberspace Integration	C/TBD	USARPAC : PACIFIC REGION	-	2.587	May 2024	2.705	May 2025	1.986		-		1.986	0.000	7.278	-
Low Cost Threat Emitter (LCTE) Prototypes	TBD	TBD : Redstone Arsenal, AL	-	2.511		2.004	Mar 2025	1.995		-		1.995	0.000	6.510	Continuing
I-MILES Medical TESS Development	MIPR	DEVCOM Simulation and Training Technology Center (STTC) : Orlando, FL	-	0.040	Feb 2025	-		-		-		-	0.000	0.040	-
		Subtotal	98.961	19.862		27.561		18.928		-		18.928	Continuing	Continuing	N/A

Remarks

1. The Instrumentable-Multiple Integrated Laser Engagement System (I-MILES) - FY 2023 to FY 2031 will be focused on developing the method to extend the product life of three of the I-MILES product lines that are at the end of useful life, integrating in to newly developed army systems, and enable IMILES to be STE LTS compliant.
2. The LVC-IA program awarded its follow-on contract on 24 May 2022 to Dignitas Technologies, LLC. This follow-on award will continue their concurrency efforts with the Synthetic Training Environment (STE) and Mission Command Information Systems (MCIS) through program completion slated for FY 2035. FY 2024 Base RDTE will support the award option period 1 on the follow-on contract to continue concurrency effort with the STE and MCIS.FY 2025 Base RDTE will the support the second year of option period 1 to continue integration and testing with STE and MCIS.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604715A / *Non-System Training Devices - Eng Dev*	Project (Number/Name) 241 / *Nstd Combined Arms*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
LVC-IA Test Support	Various	Multiple : Orlando, FL	14.307	0.385	Nov 2023	0.393	Nov 2024	-		-		-	Continuing	Continuing	Continuing
I-MILES EPG Testing	MIPR	ATEC : FT Huachuca, AZ	0.324	-		0.128	Mar 2025	0.135		-		0.135	Continuing	Continuing	Continuing
		Subtotal	14.631	0.385		0.521		0.135		-		0.135	Continuing	Continuing	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	125.485	20.585		28.427		19.063		-		19.063	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

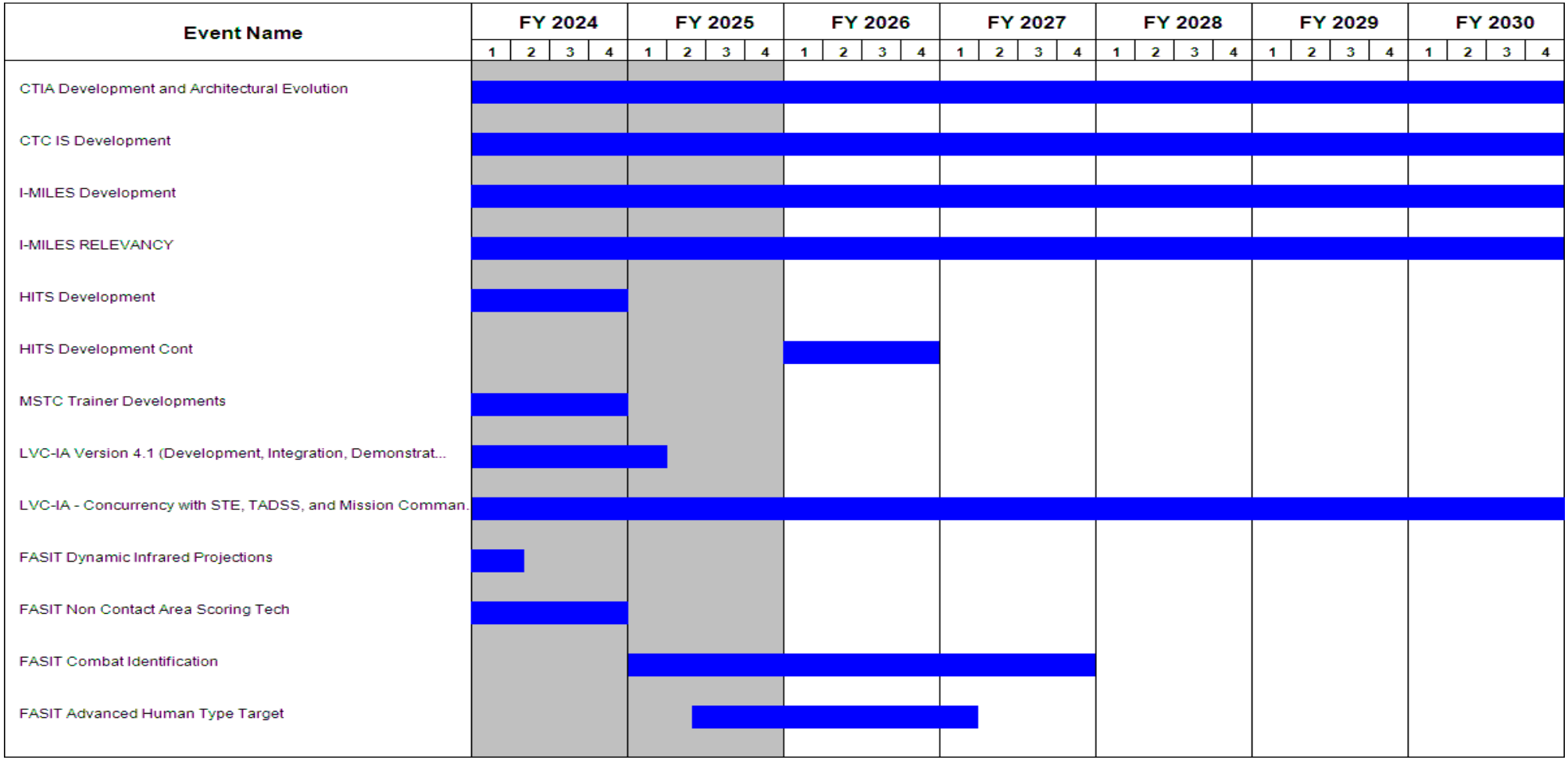

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

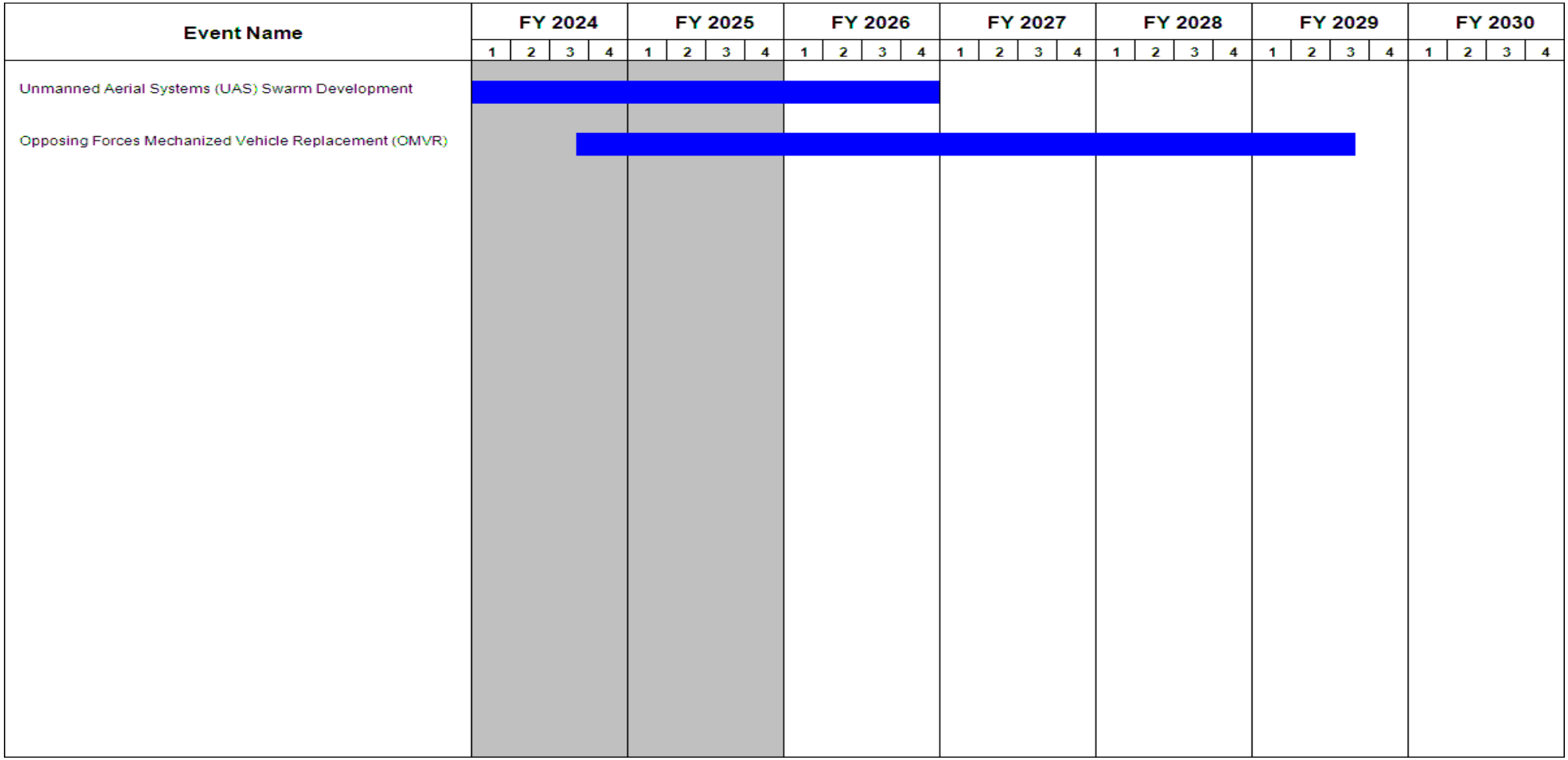

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604715A / *Non-System Training Devices - Eng Dev*	**Project (Number/Name)** 241 / *Nstd Combined Arms*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
CTIA Development and Architectural Evolution	1	2012	4	2030
CTC IS Development	1	2010	4	2030
I-MILES Development	2	2017	4	2030
I-MILES RELEVANCY	2	2018	4	2030
HITS Development	3	2012	4	2024
HITS Development Cont	1	2026	4	2026
MSTC Trainer Developments	2	2017	4	2024
LVC-IA - Version 3 (Development, Integration, Demonstration and Testing)	4	2016	3	2018
LVC-IA - Version 4 (Development, Integration, Demonstration and Testing)	4	2018	4	2023
LVC-IA Version 4.1 (Development, Integration, Demonstration and Testing	1	2024	1	2025
LVC-IA - Concurrency with STE, TADSS, and Mission Command Systems	1	2024	4	2032
FASIT Dynamic Infrared Projections	2	2022	2	2024
FASIT Non Contact Area Scoring Tech	4	2022	4	2024
FASIT Combat Identification	1	2025	4	2027
FASIT Advanced Human Type Target	2	2025	1	2027
Unmanned Aerial Systems (UAS) Swarm Development	1	2022	4	2026
BEMT Army Enterprise Network Server Development	1	2020	1	2023
Opposing Forces Mechanized Vehicle Replacement (OMVR)	3	2024	3	2029

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604741A *I Air Defense Command, Control and Intelligence - Eng Dev*

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
Total Program Element	-	86.990	73.653	13.892	-	13.892	-	-	-	-	-	-
126: *PEO Electronic Protect*	-	13.548	-	-	-	-	-	-	-	-	-	-
146: *Air & Msl Defense Planning Control Sys*	-	25.385	23.996	13.892	-	13.892	-	-	-	-	-	-
FG5: *Counter Unmanned Aerial Systems (UAS)*	-	48.057	49.657	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Air Missile Defense Planning and Control System (AMDPCS) FY 2026 funding request of $13.892 million provides integration of air and missile defense operations at all echelons. Specifically, the Air and Missile Defense Work Station (AMDWS) provides a correlated air picture using local radars, allowing the Commander the visibility and situational understanding of the airspace; automated defense design and staff planning tools in AMDWS allow Soldiers horizontal and vertical collaborative planning with adjacent units. Common Data Link Interface-Module (CDLI-M) serves as a joint tactical datalink gateway/air picture, and when correlated by the Forward Area Air Defense (FAAD) and displayed on AMDWS, provides a near real-time, three-dimensional air picture for the Commander. Joint Tactical Terminal (JTT) provides soldiers Theater Ballistic Missile (TBM) early warning, allowing them to take appropriate actions. AMDPCS is fielded to Army Air and Missile Defense Commands (AAMDC), Air Defense Artillery Brigades (ADA BDE), Air and Missile Defense Battalions (AMD BN), and Terminal High Altitude Area Air Defense Batteries (THAAD BTRY). Air Defense Airspace Management (ADAM), a variant of AMDPCS with similar capabilities, is fielded to Corps, Divisions, Brigade Combat Teams (BCT), and multi-functional support brigades. As part of the capability and technology reuse, AMDWS external interfaces are being leveraged by Integrated Battle Command System (IBCS) to avoid redevelopment of existing capabilities. AMDWS and FAAD are core components of the Air and Missile Defense system-of-systems currently deployed in combat zones.

Counter Small Unmanned Aircraft Systems (C-sUAS) funding supports ongoing efforts to provide forces at all echelons with cross-domain capabilities to identify, classify, track, and defeat Groups 1-3 UAS threats, while supporting joint operational requirements. These combined arms solutions support the full kill-chain and result in solutions addressing fixed/semi-fixed, mounted/mobile, dismounted, and handheld missions. Development efforts are aligned with the C-sUAS Capability Development Document (CDD) and Annexes, which codify the threshold and objective capability requirements for C-sUAS development.

C-sUAS is part of the Department of Defense Capability Based (Agile) Funding Pilot. Agile funding supports the Army Transformation Initiative, which provides enhanced force protection capabilities by fostering innovation and accelerated deployment of promising technology.

Beginning FY 2026, C-sUAS RDTE funding has been realigned to new PE 0609135A/A33, Counter Unmanned Aerial Systems (UAS) Agile Development.

This funding supports the Army's Next Generation Command and Control (NGC2) initiative to modernize Command and Control (C2) systems.

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604741A *I Air Defense Command, Control and Intelligence - Eng Dev*

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	74.738	69.653	63.879	-	63.879
Current President's Budget	86.990	73.653	13.892	-	13.892
Total Adjustments	12.252	4.000	-49.987	-	-49.987
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	15.000	4.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.020	-			
• SBIR/STTR Transfer	-2.728	-			
• Adjustments to Budget Years	-	-	-49.987	-	-49.987

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2024	FY 2025
Project: 146: *Air & Msl Defense Planning Control Sys*		
Congressional Add: *Air and Missile Defense Common Operating Picture*	-	4.000
Congressional Add Subtotals for Project: 146	-	4.000
Project: FG5: *Counter Unmanned Aerial Systems (UAS)*		
Congressional Add: *Software Integration Facility (SWIF) Digital Ecosystem*	10.000	-
Congressional Add: *C-UAS Enhancements*	5.000	-
Congressional Add Subtotals for Project: FG5	15.000	-
Congressional Add Totals for all Projects	15.000	4.000

Change Summary Explanation

Funding decrease in FY 2026 from the previous PB to the current PB reflects the realignment of C-sUAS funding to PE 0609135A/A33, Counter Unmanned Aerial Systems (UAS).

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 126 / *PEO Electronic Protect*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
126: *PEO Electronic Protect*	-	13.548	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In Fiscal Year (FY) 2025, ALPS efforts realigned from PE 0604741A / Air Defense Command Control and Intelligence - Eng Dev, Project 126 /PEO Electronic Protect to 0604820A / Radar Development, Project PS1 /Army Long Range Persistent Surveillance (ALPS).

A. Mission Description and Budget Item Justification

Army Long-Range Persistent Surveillance (ALPS) is a passive sensor that provides long-range surveillance against Cruise Missile (CM), Fixed Wing (FW), Rotary Wing (RW), and Unmanned Aircraft System (UAS) threats.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: ALPS Surveillance Assessment ***Description:*** Provide prototype fabrication, system support and operation for air surveillance assessments.	12.544	-	-	-	-
Title: ALPS Development and Integration for Pacific Deterrence Initiative ***Description:*** Provide development and integration in support of the Pacific Deterrence Initiative.	1.004	-	-	-	-
Accomplishments/Planned Programs Subtotals	13.548	-	-	-	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• EX2: *Lower Tier Air Missile Defense (LTAMD) Capability*	511.014	127.428	196.448	-	196.448	-	-	-	-	-	-
• FM3: *Future Interceptor*	3.899	8.058	8.019	-	8.019	-	-	-	-	-	-
• C53101: *MSE Missile*	2,814.908	905.060	549.570	396.335	945.905	-	-	-	-	-	-
• C62002: *IFPC INC 2-I BLOCK 1 SYSTEM*	256.753	386.430	732.142	-	732.142	-	-	-	-	-	-
• 0604117A: *Maneuver - Short Range Air Defense (M-SHORAD)*	290.256	274.542	238.247	-	238.247	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 126 / *PEO Electronic Protect*	

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• C14300: *M-SHORAD - Procurement*	892.497	69.091	679.114	-	679.114	-	-	-	-	-	-
• 0604820A: *Radar Development*	78.363	41.584	53.226	-	53.226	-	-	-	-	-	-
• S40: *Army Integrated Air and Missile Defense*	256.572	510.986	29.586	-	29.586	-	-	-	-	-	-
• BZ5075: *IAMD Battle Command System*	418.756	347.883	546.480	-	546.480	-	-	-	-	-	-
• 0604741A: *Air Defense Command, Control and Intelligence - Eng Dev*	86.990	73.653	13.892	-	13.892	-	-	-	-	-	-
• AD5070: *AIR & MSL Defense Planning & Control Sys*	68.892	80.011	33.103	-	33.103	-	-	-	-	-	-
• 0605052A: *Indirect Fire Protection Capability Inc 2 - Block 1*	172.705	140.912	248.659	-	248.659	-	-	-	-	-	-
• 146: *Air & Msl Defense Planning Control Sys*	25.385	23.996	13.892	-	13.892	-	-	-	-	-	-

Remarks

ALPS was previously funded under Program Element 0603327A, Air and Missile Defense Systems Engineering. This funding transitioned to Program Element 0604741A, Project 126: PEO Electronic Protect.

D. Acquisition Strategy

ALPS will utilize an Indefinite Delivery, Indefinite Quantity (IDIQ) contract to support the engineering, testing and validation of the system and software updates required to integrate ALPS into the AIAMD architecture and provide prototype fabrication, system support and operation for air surveillance assessments.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 126 / *PEO Electronic Protect*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Other Government Agencies & Government Program Management	Various	Various : Various	3.822	1.557	Dec 2023	-		-		-		-	Continuing	Continuing	Continuing
		Subtotal	3.822	1.557		-		-		-		-	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ALPS Surveillance Assessment	Various	Various : Various	-	10.987	Dec 2023	-		-		-		-	0.000	10.987	-
ALPS Development and Integration for Pacific Deterrence Initiative	Various	Various : Various	-	1.004	Dec 2023	-		-		-		-	0.000	1.004	-
		Subtotal	-	11.991		-		-		-		-	0.000	11.991	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	3.822	13.548		-		-		-		-	Continuing	Continuing	N/A

Remarks

ALPS was previously funded under PE 0603327A.

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 126 / *PEO Electronic Protect*

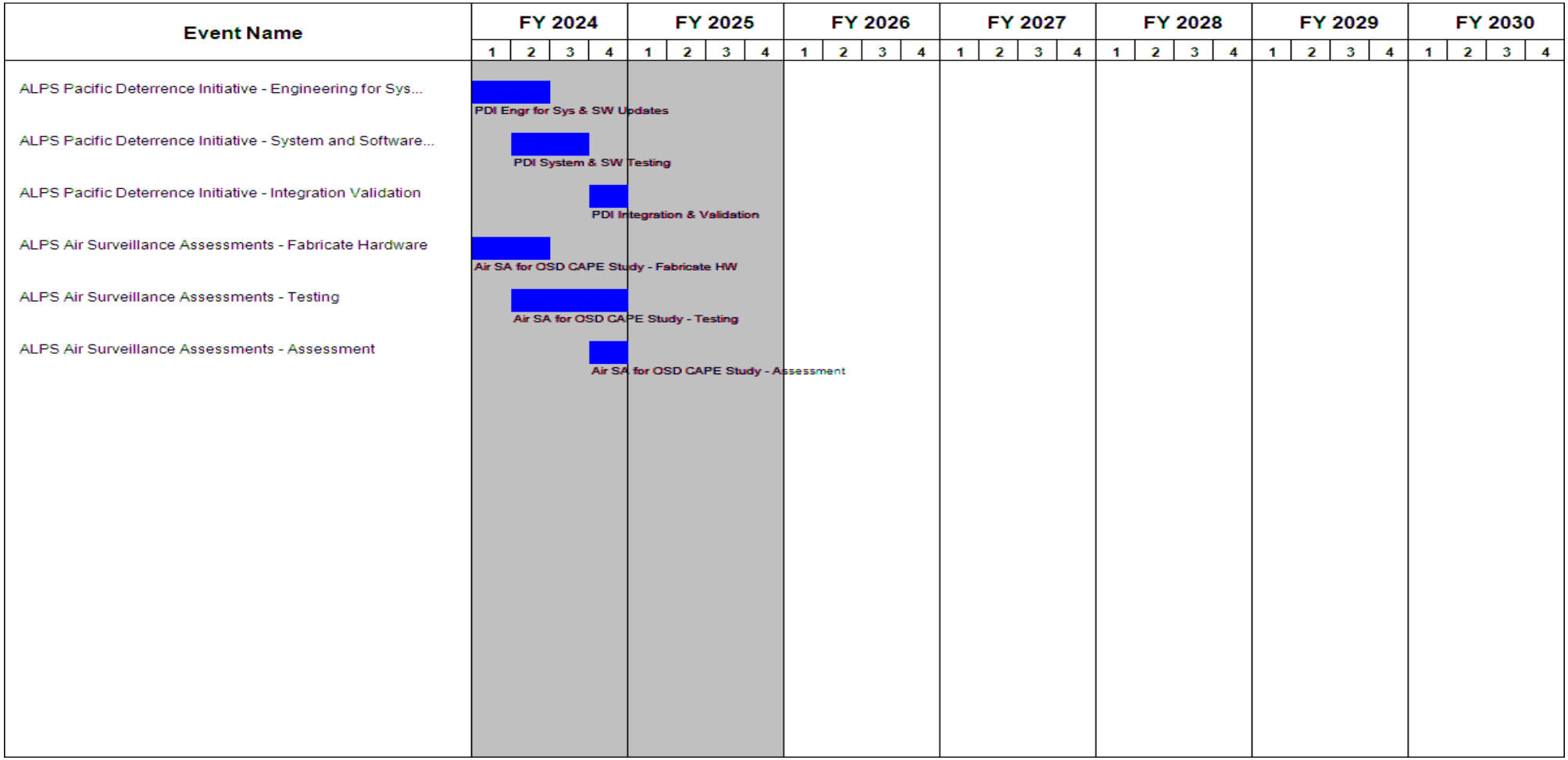

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 126 / *PEO Electronic Protect*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
ALPS Prototype Development and Integration	1	2017	4	2022
ALPS Prototype Deployments	3	2019	4	2022
ALPS Pacific Deterrence Initiative - Engineering for System and Software Updates	1	2024	2	2024
ALPS Pacific Deterrence Initiative - System and Software Testing	2	2024	3	2024
ALPS Pacific Deterrence Initiative - Integration Validation	4	2024	4	2024
ALPS Air Surveillance Assessments - Fabricate Hardware	1	2024	2	2024
ALPS Air Surveillance Assessments - Testing	2	2024	4	2024
ALPS Air Surveillance Assessments - Assessment	4	2024	4	2024

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 146 / *Air & Msl Defense Planning Control Sys*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
146: *Air & Msl Defense Planning Control Sys*	-	25.385	23.996	13.892	-	13.892	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This funding line is a key enabler of the Army Modernization Priorities in support of Air and Missile Defense.

The Air Missile Defense Planning and Control System (AMDPCS) provides integration of air and missile defense operations at all echelons. AMDPCS is comprised of the following major subsystems: Air Missile Defense Work Station (AMDWS) ensures updated interfaces for interoperability between Air Defense and the rest of the force, allowing the Commander the visibility and situational understanding of the airspace; tools in AMDWS afford Soldiers horizontal and vertical collaborative planning with adjacent units. Common Data Link Interface-Module (CDLI-M) serves as a joint tactical datalink gateway/air picture. Forward Area Air Defense (FAAD), correlates the joint and local air picture and when displayed on AMDWS, provides a near real time, three-dimensional air picture for the Commander. Joint Tactical Terminal (JTT) provides Soldiers Theater Ballistic Missile (TBM) early warning allowing them to take appropriate actions. AMDPCS are currently fielded to Army Air and Missile Defense Commands (AAMDC), Air Defense Artillery Brigades, (ADA BDE), Air and Missile Defense Battalions (AMD BN) and Terminal High Altitude Area Defense Batteries (THAAD BTRY). Air Defense Airspace Management (ADAM), a variant of AMDPCS, are fielded to Corps, Divisions, Brigade Combat Teams (BCTs) and multi-functional support brigades. AMDPCS is being procured to support Maneuver Short Range Air Defense (M-SHORAD) growth. As part of the capability and technology reuse, AMDWS external interfaces are being leveraged by Integrated Battle Command System (IBCS) to avoid redevelopment of existing capabilities. AMDWS, CDLI-M, and FAAD are core components of the Air and Missile Defense system-of-systems currently deployed in combat zones.

FY 2026 Base dollars in the amount of $13.892 million fund development, cyber security compliance, net-readiness and certification of AMDWS, CDLI-M and FAAD software, as well as accreditation of AMDPCS family-of-systems shelters and software.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: AMDWS Software Development	2.894	1.283	-	-	-
Description: AMDWS supports the Common Operating Environments (COE) architecture framework. AMDWS serves as a bridge between Command Post (CP) and Real Time/Safety Critical/Embedded (RTSCE) and Sensor Computing Environments. AMDWS provides Air and Missile Defense planning, situational awareness, and operational capabilities to the force. It also interfaces at the operational and strategic level with Missile Defense and Joint systems. AMDWS external interfaces are being leveraged by Integrated Air and Missile Defense Battle Command System (IBCS) to avoid duplicating existing capabilities. Interfaces and architectures evolve over time, requiring software development support to maintain capability.					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 146 / *Air & Msl Defense Planning Control Sys*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2025 Plans: Maintain interoperability with Command Post Computing Environment (CPCE), migrate to a microservices/ container-based architecture and expand Call for Fire (CFF) messaging. Update interface with Missile Defense Agency and the new Kessel Run, which will serve as a replacement for the Theater Battle Management Core System (TBMCS). ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2025 to FY 2026 funding decrease due to AMDWS RDTE no longer being provided through AMDPCS.					
Title: Engineering, Development, Test and Evaluation ***Description:*** Ensures Interoperability Engineering System Suite Tool and Software Suitability and Supportability Service, testing and licenses, and interoperability and cyber compliance through engineering, development, test, and evaluation of the AMDPCS family-of-systems shelter objective configurations; execute evaluation and finalization of the AMDPCS tactical communications, data processing, and vehicle/shelter/power generation/ environmental system block upgrade program for fielded systems. ***FY 2025 Plans:*** Continue to maintain FAAD C2 and AMDWS for cyber certification and accreditation for all AMDPCS Family-of-Systems and Integrated Battle Command System (IBCS) convergence. ***FY 2026 Base Plans:*** Maintain FAAD C2 and AMDWS net-readiness for cyber security certification and accreditation for all AMDPCS Family-of-Systems and Integrated Battle Command System (IBCS) convergence. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2025 to FY 2026 funding increase represents a minor increase due to economic assumptions.	7.808	3.721	3.784	-	3.784
Title: Software System Certification Testing, Accreditation, and Approval of Authority-to-Operate (ATO) ***Description:*** Accomplish software system certification testing, accreditation, and approval of ATOs for the various software systems; BitLocker encryption and other authorized/approved software implementation; Army and joint integration interoperability assessments. ***FY 2025 Plans:***	0.267	0.272	0.276	-	0.276

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 146 / *Air & Msl Defense Planning Control Sys*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Continue to conduct Information Assurance Vulnerability Assessments (IAVAs), and associated management activities in addition to maintaining required Authority to Operate (ATOs) for net ready AMDPCS Family of Systems as they converge to IBCS. ***FY 2026 Base Plans:*** Conduct Information Assurance Vulnerability Assessments (IAVAs), and associated management activities in addition to maintaining required Authority to Operate (ATOs) for net-ready cyber security compliant AMDPCS Family of Systems as they converge to IBCS. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2025 to FY 2026 funding increase represents minor increase due to economic assumptions.					
Title: FAAD C2 Software Development and Modernization ***Description:*** Supports software lab, testing, interoperability, cyber compliance, Hardware Obsolescence and software configuration management of the FAAD software required to support program of record AMDPCS, Counter-Rocket, Artillery, Mortar (C-RAM), Counter-Unmanned Aerial Systems (C-UAS), and Short-Range Air Defense (SHORAD) Command and Control (C2) solutions. ***FY 2025 Plans:*** Continue FAAD C2 software integration, development, and tests in support to maintain net ready AMDPCS Family-of-Systems and future program platform requirements in support of IBCS convergence. ***FY 2026 Base Plans:*** Continue FAAD software integration, development, and tests in support to maintain net ready AMDPCS Family-of-Systems and future program platform requirements in support of IBCS convergence. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** The FY 2025 to FY 2026 increase represents a minor increase due to economic assumptions and accounting for increase costs for systems engineering and test at the original Equipment Manufacturer related to IBCS convergence.	9.400	8.899	9.832	-	9.832
Title: IBCS/FAAD C2 Convergence; Ada to C++ Refactoring and Modernization ***Description:*** Convert the Forward Area Air Defense (FAAD) software capabilities and interfaces from Ada software language to C++ Software Language; modernize the software by modularizing the capabilities and	5.016	5.091	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 146 / *Air & Msl Defense Planning Control Sys*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
developing a capabilities software product line (SPL) for Integrated Air and Missile Defense Battle Command System's (IBCS) to utilize. ***FY 2025 Plans:*** Continue conversion efforts of FAAD C2 software ADA language to C++. Modernize the Software by Modularizing it. Develop a Software Capabilities SPL to be converged into IBCS for a single software baseline. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in FY 2026 from FY 2025 reflects completion of ADA to C++ refactoring activities for Convergence in the previous fiscal year.					
Title: SBIR/STTR Tranfer ***Description:*** Funding transferred in accordance with Title 15 USC §638. ***FY 2025 Plans:*** Funding transferred in accordance with Title 15 USC §638. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** Decrease in FY 25 due to SBIR/STTR Tax.	-	0.730	-	-	-
Accomplishments/Planned Programs Subtotals	25.385	19.996	13.892	-	13.892

	FY 2024	FY 2025
Congressional Add: Air and Missile Defense Common Operating Picture ***FY 2025 Plans:*** Empower PEO MS to proactively manage risks, employ trades, and mitigate potential disruptions.	-	4.000
Congressional Adds Subtotals	-	4.000

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• AD5070: *AIR & MSL Defense Planning & Control Sys*	68.892	80.011	33.103	-	33.103	-	-	-	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 146 / *Air & Msl Defense Planning Control Sys*	

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• 0605457A: *Army Integrated Air and Missile Defense (AIAMD)*	285.411	587.068	146.056	-	146.056	-	-	-	-	-	-
• BZ5075: *IAMD Battle Command System*	418.756	347.883	546.480	-	546.480	-	-	-	-	-	-
• 0604117A: *Maneuver - Short Range Air Defense (M-SHORAD)*	290.256	274.542	238.247	-	238.247	-	-	-	-	-	-
• C14300: *M-SHORAD - Procurement*	892.497	69.091	679.114	-	679.114	-	-	-	-	-	-

Remarks

This program is an integral part of the Army Integrated Fires Mission Command (IFMC) convergence capability for Integrated Battle Command System (IBCS) architecture.

D. Acquisition Strategy

The acquisition strategy relies primarily on Non-Developmental Item (NDI) integration efforts. The primary intent of the AMDPCS program is to take the best available governmental and commercial technologies and integrate them into a seamless Command and Control (C2) program to provide common tools for airspace situational awareness, and command and control for all Army Air Defense units at all echelons. Also, to continue development, testing, and certification of AMDWS and FAAD software, and ensure accreditation of AMDPCS shelter configurations and software until convergence with the Integrated Air & Missile Defense (IAMD) Battle Command System (IBCS). Finally, to complete procurement of AMDPCS shelter configurations, field, and execute tech refresh on fielded systems until convergence with IBCS and transition to sustainment in FY 2030.

The AMDWS software development contract is sole source (SS)/cost plus fixed fee (CPFF) to Northrop Grumman Corp.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 146 / *Air & Msl Defense Planning Control Sys*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration	SS/CPFF	Various : Huntsville, AL	35.455	0.307	Dec 2024	0.313	Dec 2024	0.319	Dec 2025	-		0.319	Continuing	Continuing	Continuing
SBIR/STTR Transfer	TBD	Various : Various; Various	-	-		0.730		-		-		-	0.000	0.730	-
		Subtotal	35.455	0.307		1.043		0.319		-		0.319	Continuing	Continuing	N/A

Remarks

Not Applicable

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
AMDWS Software Development and Engineering	SS/CPFF	Northrop Grumman : Huntsville AL	187.630	2.894	Oct 2022	1.283	Dec 2024	-		-		-	Continuing	Continuing	Continuing
Developmental Engineering	SS/CPFF	Various : Huntsville, AL	48.857	7.501	Dec 2022	3.408	Dec 2024	3.465	Dec 2025	-		3.465	Continuing	Continuing	Continuing
IBCS/FAAD Convergence; Ada to C++ Refactoring and Modernization	TBD	Various : Redstone Arsenal	-	5.016		5.091		-		-		-	0.000	10.107	-
Air and Missile Defense (AMD) Common Operating Picture (COP)	TBD	System of Sytems integration support across programs, technical functions, and organizations. : Redstone Arsenal	-	-		4.000		-		-		-	0.000	4.000	-
		Subtotal	236.487	15.411		13.782		3.465		-		3.465	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) 146 / *Air & Msl Defense Planning Control Sys*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
FAAD Software Development and Modernization	SS/CPFF	Various : Redondo Beach, CA	-	9.400		8.899	Apr 2024	9.832	Apr 2026	-		9.832	0.000	28.131	-
		Subtotal	-	9.400		8.899		9.832		-		9.832	0.000	28.131	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Certification/Testing	SS/CPFF	JITC : Ft Huachuca, AZ	1.562	0.267	Feb 2023	0.272	Feb 2025	0.276	Dec 2025	-		0.276	Continuing	Continuing	Continuing
		Subtotal	1.562	0.267		0.272		0.276		-		0.276	Continuing	Continuing	N/A

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	273.504	25.385		23.996		13.892		-		13.892	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 146 / *Air & Msl Defense Planning Control Sys*

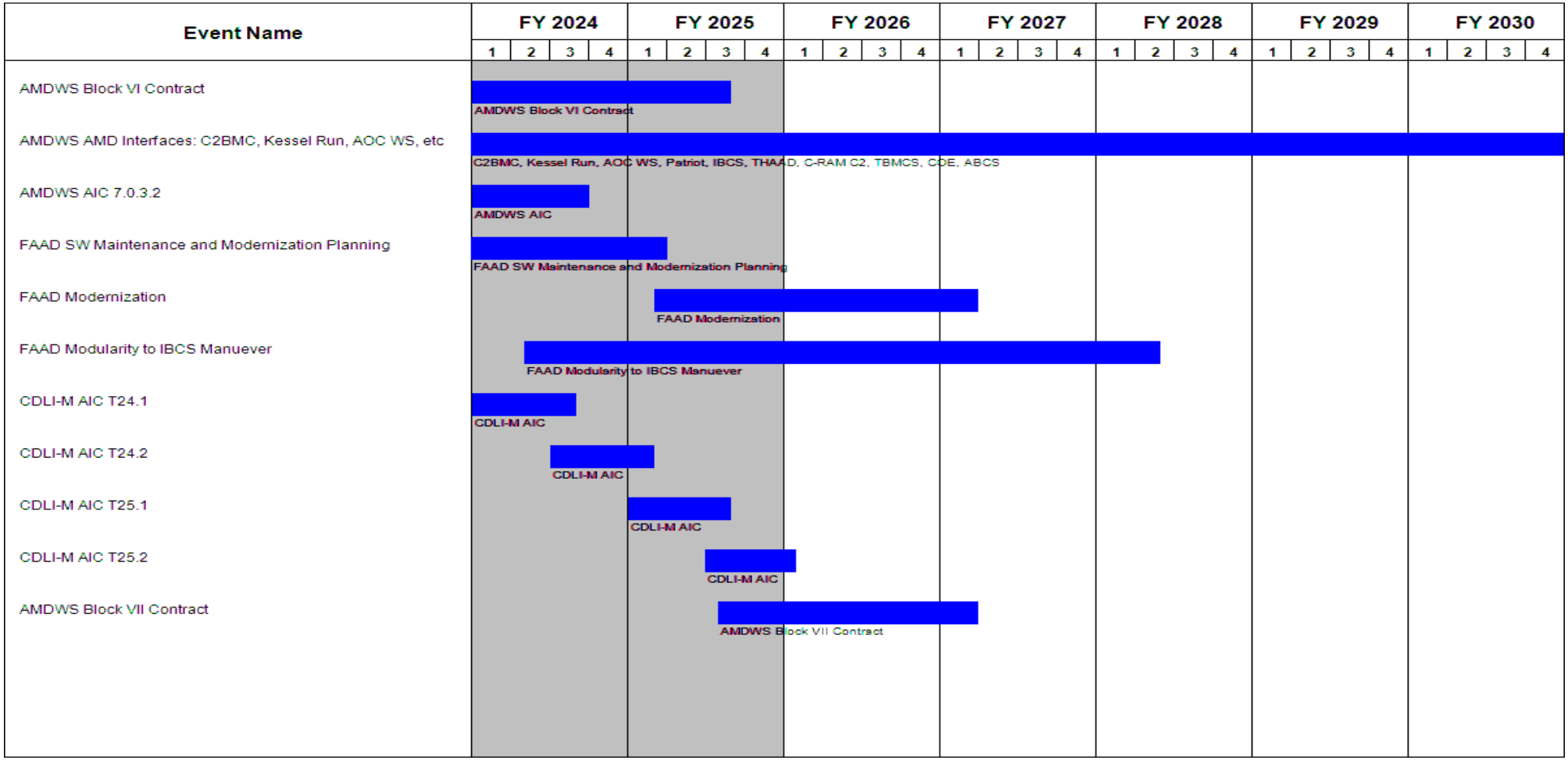

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** 146 / *Air & Msl Defense Planning Control Sys*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
AMDWS Block VI Contract	1	2022	3	2025
AMDWS AMD Interfaces: C2BMC, Kessel Run, AOC WS, etc	4	2012	4	2030
AMDWS AIC 7.0.3.1	1	2022	3	2022
AMDWS AIC 7.0.3.2	1	2024	3	2024
FAAD SW Maintenance and Modernization Planning	2	2022	1	2025
FAAD Modernization	1	2025	1	2027
FAAD Modularity to IBCS Manuever	2	2024	2	2028
CDLI-M AIC T24.1	1	2024	3	2024
CDLI-M AIC T24.2	3	2024	1	2025
CDLI-M AIC T25.1	1	2025	3	2025
CDLI-M AIC T25.2	3	2025	1	2026
AMDWS Block VII Contract	3	2025	1	2027

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) FG5 / *Counter Unmanned Aerial Systems (UAS)*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
FG5: *Counter Unmanned Aerial Systems (UAS)*	-	48.057	49.657	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Counter Small Unmanned Aircraft Systems (C-sUAS) funding supports ongoing efforts to provide forces at all echelons with cross-domain capabilities to identify, classify, track, and defeat Groups 1-3 UAS threats, while supporting joint operational requirements. These combined arms solutions support the full kill-chain and result in solutions addressing fixed/semi-fixed, mounted/mobile, dismounted, and handheld missions. Development efforts are aligned with the C-sUAS Capability Development Document (CDD) and Annexes, which codify the threshold and objective capability requirements for C-sUAS development.

Fixed/Mobile System Development: Funds rapid component prototyping, facilitates operational assessments, pursues development and integration of mature hardware, addresses obsolescence, and tests performance improvements of existing fixed and mobile systems against current and near-term threats. Initiates activities required to transition the current mobile C-sUAS solution to field level sustainment.

Tech Refresh: Funds technology refreshes of C-sUAS capabilities supporting deployed systems, to keep pace with evolving threats in response to existing Joint Urgent Operational Need (JUON) CC-0558.

C-sUAS CDD Pre-Planned Product Improvement (P3I): Funds prototyping, development, and integration of emerging technologies, and testing performance improvements against future threats for C-UAS programs.

C-sUAS Emergent Requirements: Funds development, testing, integration, and continuous improvement to accelerate emerging C-sUAS capabilities, such as the Next Generation C-sUAS Missile (NGCM), C-UAS non-kinetic interceptor, and Unit Common and Soldier Common solutions.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Fixed/Mobile System Capabilities	8.695	8.771	-	-	-
Description: Funds rapid component prototyping, facilitates operational assessments, pursues development and integration of mature hardware, addresses obsolescence, and tests performance improvements of existing systems against current and near-term threats.					
FY 2025 Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2025 Base funding will support hardware and software development efforts for the eXpeditionary Battlefield active electronically-scanned array (AESA) External Unit (XBAEU) radar (a vehicle-mounted multi-mission sensor operating on-the-move), such as developing localized-heat exchangers (L-HEX) to reduce the requirement for centralized HEX and transitioning the system controller unit (SCU) and power distribution unit (PDU) from liquid-cooled to air-cooled, resulting in reliability and producibility improvements at a lower cost than the current Ku-720 radar. Funding will also support biannual C-UAS system of systems integration/record tests for new and enhanced components, systems, and subsystems. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding was realigned to PE 0609135A/A33, Counter Unmanned Aerial Systems (UAS).					
Title: Tech Refresh for Army JUON/JEON Efforts ***Description:*** Funds technology refreshes at Army priority fixed sites and continues technological development of C-UAS capabilities supporting deployed systems. ***FY 2025 Plans:*** FY 2025 Base funding will develop new and emerging signals of interest to pace the evolving threat and provide Army priority fixed sites with the ability to detect, engage, and defeat enemy UAS. Funding will also continue technological development of C-sUAS capabilities supporting deployed systems, such as further developing new electronic warfare defeat measures (e.g, multi-stage cognitive radio frequency sensor, upgraded antenna suite for added reliability and flexibility, electronically-steered antenna), to keep pace with evolving UAS threats. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding was realigned to PE 0609135A/A33, Counter Unmanned Aerial Systems (UAS).	6.829	6.873	-	-	-
Title: C-sUAS Capability Development Document (CDD) Pre-Planned Product Improvement (P3I) ***Description:*** The C-sUAS P3I program incorporates incremental improvements to address future C-sUAS capabilities, creating enduring next generation C-sUAS solutions. Funding supports prototyping, pursues development and integration of emerging technologies, and tests performance of system improvements against future threats. This effort was previously titled Next Generation Product Development. ***FY 2025 Plans:*** FY 2025 Base funding will continue efforts to identify and characterize emerging technologies which support prototyping, integration, and testing of system improvements to increase the capability to detect, track, and defeat future C-sUAS threats. Funding will continue development and testing of updated technical manuals and	17.533	34.013	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
safety documentation required to transition Coyote interceptor loading responsibility to Soldiers; continue efforts to improve reliability for the Coyote kinetic interceptor, with an emphasis on payload, propulsion, and seeker components; and continue improvements to C-sUAS fire control systems for automated decision aids, such as incremental steps to a single pane of glass, camera/radar software improvements, and enhanced real-time mission analysis to improve Soldier effectiveness. Funding will also support tech refresh of electronic warfare hardware, by identifying, testing, and replacing components that are approaching end-of-life; pursuing open architecture solutions, which enable multi-vendor/multi-service framework environments; and implementing additional software libraries. Testing will ensure technologies meet environmental and reliability/survivability/availability requirements. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding was realigned to PE 0609135A/A33, Counter Unmanned Aerial Systems (UAS).					
Accomplishments/Planned Programs Subtotals	33.057	49.657	-	-	-

	FY 2024	FY 2025
Congressional Add: Software Integration Facility (SWIF) Digital Ecosystem ***FY 2024 Accomplishments:*** FY 2024 Base funding supported development and integration of software and hardware to provide the initial SWIF for the Integrated Fires (IF) Directorate, managed by PEO Missiles and Space (PEO MS). The SWIF capability provides an integrated development environment, enabling increased system-of-systems (SoS) development and integration speed and efficiency across the IF architecture.	10.000	-
Congressional Add: C-UAS Enhancements ***FY 2024 Accomplishments:*** FY 2024 Base funding provided software development and testing to support integration of Roadrunner (RR) into the FS-LIDS architecture, to allow for a layered defense controlled by a single Operator in support of a Single Pane of Glass. RR integration with FS-LIDS will provide additional performance against the emerging C-UAS threat.	5.000	-
Congressional Adds Subtotals	15.000	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*	

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• AD0500: *COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)*	628.062	288.386	-	-	-	-	-	-	-	-	-
• 0609135A: *Counter Unmanned Aerial Systems (UAS) Agile Development*	-	-	143.618	-	143.618	-	-	-	-	-	-
• I24000: *COUNTER-SMALL UNMANNED AERIAL SYSTEM (C-SUAS)*	-	-	284.897	21.671	306.568	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The C-UAS program began as a rapid acquisition and deployment of interim capabilities program, in response to JUON CC-0558; however, based upon FY22 direction from the Army Acquisition Executive (AAE), combined with approval of the C-sUAS Capability Development Document (CDD) Increment 1, it has transitioned to a formalized acquisition approach with five individual Acquisition Category (ACAT) III programs within the C-sUAS portfolio, including expeditionary and mobile platforms, sensors, effectors, and handheld/dismounted systems. Requirements are fulfilled through existing Indefinite Delivery/Indefinite Quantity (ID/IQ) contracts, which are in place through FY25, to procure and field all C-sUAS major end items. Acquisition planning is underway for individual program follow-on ID/IQ contracts, with anticipated periods of performance of 5 to 8 years, to support the remaining CDD requirements. Handheld/Dismounted systems are procured through a combination of the Defense Logistics Agency, Army Contracting Command, and U.S. Special Operations Command.

C-UAS is a component of an integrated fires development effort that includes survivability, resiliency, and effectiveness improvements against advanced threats from near-peer adversaries. This effort includes integration with an evolving common fires mission command, common development tools and processes, and annual test and evaluation to provide data to support program assessments and progress toward closure of performance gaps.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) FG5 / *Counter Unmanned Aerial Systems (UAS)*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management - CsUAS	Various	Multiple : Multiple	3.667	2.203	Dec 2023	3.367	Dec 2024	-		-		-	Continuing	Continuing	-
Program Management - SWIF	Various	Multiple : Multiple	1.600	-		-		-		-		-	0.000	1.600	-
SBIR/STTR Transfer	TBD	Various : Various	-	-		1.812		-		-		-	0.000	1.812	-
		Subtotal	5.267	2.203		5.179		-		-		-	Continuing	Continuing	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Fixed/Mobile System Capabilities	C/IDIQ	Multiple : Multiple	114.194	7.226	Mar 2024	7.114	Apr 2025	-		-		-	Continuing	Continuing	-
Tech Refresh - Deployed Systems	C/Various	Multiple : Multiple	13.473	4.363	Mar 2024	4.314	Apr 2025	-		-		-	Continuing	Continuing	-
Tech Refresh - Fixed Sites	MIPR	Multiple : Multiple	3.225	1.579	Jan 2024	1.554	Mar 2025	-		-		-	0.000	6.358	-
CDD P3I	C/Various	Multiple : Multiple	13.228	14.570	Mar 2024	26.734	Apr 2025	-		-		-	Continuing	Continuing	-
Software Integration Facility (SWIF)	MIPR	Multiple : Multiple	18.400	10.000	Sep 2024	-		-		-		-	0.000	28.400	-
C-sUAS Enhancements	C/IDIQ	Various : Various	-	5.000	Sep 2024	-		-		-		-	0.000	5.000	-
		Subtotal	162.520	42.738		39.716		-		-		-	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Support - C-sUAS	MIPR	Multiple : Multiple	3.404	3.116	Feb 2024	4.762	Feb 2025	-		-		-	Continuing	Continuing	-
Test Support - JUON	MIPR	Multiple : Multiple	66.574	-		-		-		-		-	0.000	66.574	-
		Subtotal	69.978	3.116		4.762		-		-		-	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	Project (Number/Name) FG5 / *Counter Unmanned Aerial Systems (UAS)*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	237.765	48.057		49.657		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*

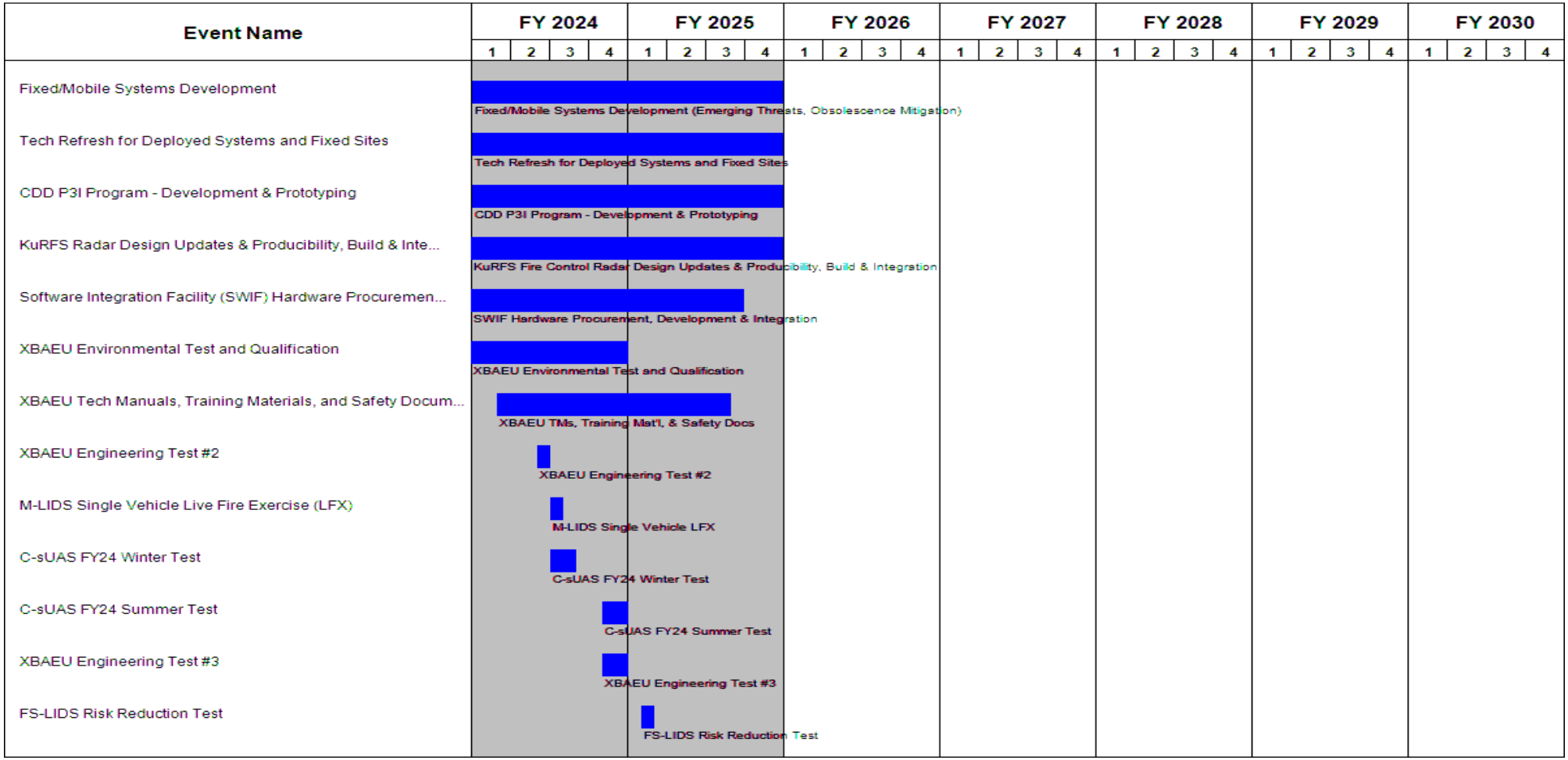

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*

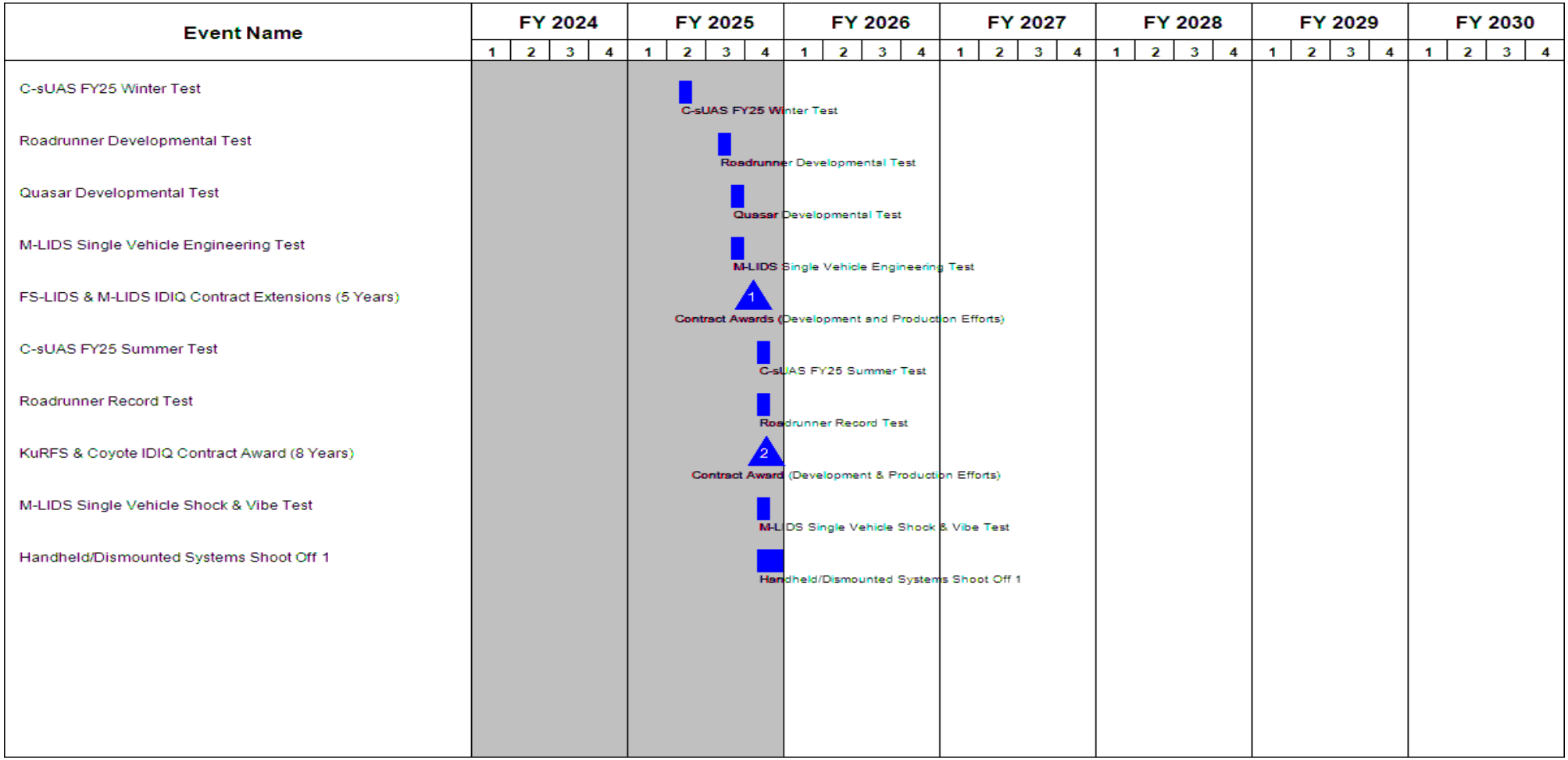

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Fixed/Mobile Systems Development	1	2017	4	2025
Tech Refresh for Deployed Systems and Fixed Sites	1	2021	4	2025
CDD P3I Program - Development & Prototyping	1	2023	4	2025
KuRFS Radar Design Updates & Producibility, Build & Integration	3	2022	4	2025
Software Integration Facility (SWIF) Hardware Procurement, Development, and Integration	3	2023	3	2025
XBAEU Environmental Test and Qualification	4	2023	4	2024
XBAEU Tech Manuals, Training Materials, and Safety Documentation	1	2024	3	2025
XBAEU Engineering Test #2	2	2024	2	2024
M-LIDS Single Vehicle Live Fire Exercise (LFX)	3	2024	3	2024
C-sUAS FY24 Winter Test	3	2024	3	2024
C-sUAS FY24 Summer Test	4	2024	4	2024
XBAEU Engineering Test #3	4	2024	4	2024
FS-LIDS Risk Reduction Test	1	2025	1	2025
C-sUAS FY25 Winter Test	2	2025	2	2025
Roadrunner Developmental Test	3	2025	3	2025
Quasar Developmental Test	3	2025	3	2025
M-LIDS Single Vehicle Engineering Test	3	2025	3	2025
FS-LIDS & M-LIDS IDIQ Contract Extensions (5 Years)	4	2025	4	2025
C-sUAS FY25 Summer Test	4	2025	4	2025
Roadrunner Record Test	4	2025	4	2025
KuRFS & Coyote IDIQ Contract Award (8 Years)	4	2025	4	2025

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604741A / *Air Defense Command, Control and Intelligence - Eng Dev*	**Project (Number/Name)** FG5 / *Counter Unmanned Aerial Systems (UAS)*

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
M-LIDS Single Vehicle Shock & Vibe Test	4	2025	4	2025
Handheld/Dismounted Systems Shoot Off 1	4	2025	4	2025

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604742A / *Constructive Simulation Systems Development*							
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
Total Program Element	-	29.854	30.097	7.790	-	7.790	-	-	-	-	-	-
361: *Intelligence Simulation Systems*	-	7.586	7.869	7.790	-	7.790	-	-	-	-	-	-
362: *Jnt Land Component Constructive Trng*	-	22.268	22.228	-	-	-	-	-	-	-	-	-

Note

In FY 2026, PE 0604742A / Project 362 is a skip year and has no FY 2026 funding request.

A. Mission Description and Budget Item Justification

This Program Element funds the development of constructive and wargame simulations used to realistically train commanders and their battle staffs on today's complex battlefield conditions.

Project 361, Intelligence Simulation Systems, funds the development of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT). IEWTPT is a Non-System Training Device (NSTD) which supports home-station training by simulating and stimulating Military Intelligence (MI) organic or surrogate equipment. It enables sustainment of critical individual and collective MI tasks/skills and is the core of the U.S. Army Intelligence Center of Excellence (USAICoE) Military Intelligence (MI) holistic training strategy supporting mission command, targeting, and MI Soldier readiness. IEWTPT provides a realistic simulation intelligence target environment for multi-intelligence disciplines such as All Source Analysis, Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Open-Source Intelligence (OSINT), Human Intelligence (HUMINT), Geospatial Intelligence (GEOINT) and electronic warfare (EW) systems. IEWTPT provides training for analyst and system operators to exploit intelligence data during training, just as they would in "Real World" operations. The IEWTPT Technical Control Cell (TCC) is composed of two components: the Lower Enclave (LE) which supports exercise planning and development and drives the All Source and GEOINT (and emerging EW) training tasks and the Upper Enclave (UE) which supports all SIGINT related training and operates at the Top Secret / Sensitive Compartmented Information (TS/SCI) classification level.

Project 362, Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide for Army Commanders and their staff at Mission Training Complexes (MTCs), Training and Doctrine Command (TRADOC) facilities, and other customer locations. JLCCTC trains Commanders and their staff in Decisive Actions to include offensive, defensive, stability, and civil support operations. JLCCTC is a software modeling and simulation capability that contributes to Army Training Mission Area by providing appropriate levels of modeling and simulation resolution and fidelity to support unit collective and combined arms training. JLCCTC provides a composable federation configurable to any combination of models and simulations, as required by training exercise intent/design. JLCCTC provides accurate representations of tactically and operationally relevant land warfare operations executed in a contemporary Joint operating environment/context and in support of Army Training and Readiness. Next Generation Constructive (NGC) provides the constructive training environment to sufficiently train large scale combat operations (LSCO) in multi-domain operations, to include, joint, cyber, space, and maritime. NGC enables collective training to be conducted for Corps and down, while increasing efficiency in planning, preparing, and executing training events. Funding will continue development of the Intel, Sustainment, Cyber, and Maneuver/ Protection Warfighting Functions, STE Core Service in support of NGC development in accordance with validated STE-SW ICD FY24, AvSE development/integration;

Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Army	Date: June 2025
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604742A *I Constructive Simulation Systems Development*

Development, Security, and Operations, DEVSECOPS implementation/execution; Technical Assessments, Soldier Touch Points (STPs), test planning events, and migration to a cloud environment.

B. Program Change Summary ($ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	30.985	30.097	30.504	-	30.504
Current President's Budget	29.854	30.097	7.790	-	7.790
Total Adjustments	-1.131	0.000	-22.714	-	-22.714
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.131	-			
• Adjustments to Budget Years	-	-	-22.714	-	-22.714

Change Summary Explanation

Decrease in FY 2026 funding from the previous PB to the current PB due to reprioritization of resources to accelerate the Synthetic Training Environment Software Next Generation Combat capability.

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / *Constructive Simulation Systems Development*	Project (Number/Name) 361 / *Intelligence Simulation Systems*	

COST ($ in Millions)	Prior Years	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
361: *Intelligence Simulation Systems*	-	7.586	7.869	7.790	-	7.790	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Project 361 funds the development, integration and testing of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT). IEWTPT is a Non-System Training Device (NSTD) which supports home-station training by simulating and stimulating Military Intelligence (MI) and Electronic Warfare (EW) organic or surrogate equipment. It enables training of critical individual, crew, and collective MI tasks/skills and is the core of the U.S. Army Intelligence Center of Excellence (USAICoE) Military Intelligence (MI) holistic training strategy supporting mission command, targeting, and MI Soldier and multi-domain army readiness. IEWTPT provides a realistic simulation intelligence target environment for multi-intelligence disciplines such as All Source Analysis, Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Open-Source Intelligence (OSINT), Human Intelligence (HUMINT), Geospatial Intelligence (GEOINT) and EW in support of multi-domain operations (MDO) training. IEWTPT provides training for analyst and system operators to exploit intelligence and EW data during training, just as they would in "Real World" operations. The IEWTPT Technical Control Cell (TCC) is composed of two components: the Lower Enclave (LE) which supports exercise planning and scenario development and drives the All Source and GEOINT (and emerging EW) training tasks and the Upper Enclave (UE) which supports all SIGINT related training and operates at the Top Secret / Sensitive Compartmented Information (TS/SCI) classification level.

FY 2026 funding will be used for improving multi-intelligence and electronic warfare (EW) scenario development tools, increasing and enhancing threat modeling representation at theater and national echelons, and building and integrating intelligence training capabilities into cloud-ready applications. Base funding will establish enterprise level business processes and services enabling IEWTPT to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Funding promotes software integration and synergies and efficiencies between training and testing of intelligence platform systems. Promote re-use of common assets and services for Army modernization and defense priorities.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Software Engineering, Development, Integration and Testing	7.586	7.869	7.790
Description: Project 361, Intelligence Simulation Systems, funds the development of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT). IEWTPT is a Non-System Training Device (NSTD) which supports home-station training by simulating and stimulating Military Intelligence (MI) organic or surrogate equipment. It enables sustainment of critical individual and collective MI tasks/skills and is the core of the U.S. Army Intelligence Center of Excellence (USAICoE) Military Intelligence (MI) holistic training strategy supporting mission command, targeting, and MI Soldier readiness. IEWTPT provides a realistic simulation intelligence target environment for multi-intelligence disciplines such as All Source Analysis, Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Open-Source Intelligence (OSINT), Human Intelligence (HUMINT), Geospatial Intelligence (GEOINT) and electronic warfare (EW) systems. IEWTPT provides training for analyst and system operators to exploit intelligence			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 361 / *Intelligence Simulation Systems*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
data during training, just as they would in "Real World" operations. The IEWTPT Technical Control Cell (TCC) is composed of two components: the Lower Enclave (LE) which supports exercise planning and development and drives the All Source and GEOINT (and emerging EW) training tasks and the Upper Enclave (UE) which supports all SIGINT related training and operates at the Top Secret / Sensitive Compartmented Information (TS/SCI) classification level. ***FY 2025 Plans:*** IEWTPT will continue to support Information Systems-Capabilities Development Document (IS-CDD) requirements and simulation interface capabilities for Intelligence, Surveillance, Reconnaissance (ISR) and EW platform system training to support home station intelligence training for multi-domain operations (MDO) in a large-scale, simulation environment. Funding will develop and advance the Army Military Intelligence (MI) cloud-ready baseline for point of need training execution across all components (Active, Guard, Reserve). Funding will improve multi-intelligence and electronic warfare (EW) scenario development tools for greater representation of the congested-contested, operational training environment; Add and mature blue and red sensors and their emulation effects; expand and enhance threat modeling capabilities and replicate theater and national level intelligence capabilities. The program will deliver multi-intelligence/EW training improvements to the distributed/federated constructive simulation environment, expand the EW and Signals Intelligence (SIGINT) combined baselines in order to replicate the complex, critical task training for the emerging Terrestrial Layer System. Funding will provide mission analysis for the training strategy development for TLS and the Tactical Intelligence Targeting Access Node (TITAN) multi-domain ground station. Expand the program development and implementation of security, operations (DevSecOps) practices and tools for cloud employment and more rapid product deliverables to the warfighter. ***FY 2026 Plans:*** IEWTPT will continue to support Information Systems-Capabilities Development Document (IS-CDD) requirements and simulation interface capabilities for Intelligence, Surveillance, Reconnaissance (ISR) and EW platform system training to support home station intelligence training for multi-domain operations (MDO) in a large-scale, simulation environment. Funding will further develop and advance the Army Military Intelligence (MI) cloud-ready baseline for point of need training execution across all components (Active, Guard, Reserve). Funding will improve multi-intelligence and electronic warfare (EW) scenario development tools for greater representation of the congested-contested, operational training environment; Add and mature blue and red sensors and their emulation effects; expand and enhance threat modeling capabilities and replicate theater and national level intelligence capabilities. The program will deliver multi-intelligence/EW training improvements to the distributed/federated constructive simulation environment, expand the EW and Signals Intelligence (SIGINT) combined baselines in order to replicate the complex, critical task training for the emerging Terrestrial Layer System family. Funding will provide mission analysis for the TLS and the Tactical Intelligence Targeting Access Node (TITAN) multi-domain ground station training strategies. Expand the			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 361 / *Intelligence Simulation Systems*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
program development and implementation of security, operations (DevSecOps) practices and tools for cloud employment and more rapid product deliverables to the warfighter. The program will begin integration with Next Generation Constructive (NGC) to support modernization priorities. Base funding will establish enterprise level business processes and services enabling IEWTPT to efficiently develop, operate, and secure capabilities in accordance with OSD Digital Engineering and Army Digital Transformations Strategies. Efforts will promote synergies between the training and testing enablers to improve product development, integration, and cyber activities, and to promote re-use of common assets and services to Army modernization priorities. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to revised economic assumptions.			
Accomplishments/Planned Programs Subtotals	7.586	7.869	7.790

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The program will continue to leverage the Software Acquisition Pathway (SWP) (Execution Phase) to continue capability releases that align to Army G2 and Intelligence Center of Excellence (ICoE) priorities in support defense core readiness and intelligence modernization training. The IEWTPT Increment 2 contract is providing multi-intelligence and electronic warfare training support to combat training centers (CTCs) and home station sites. Funds support development, integration and testing to rapidly and iteratively deliver software capabilities to the warfighter. Funds support continuous improvement to meet the Information Systems-Capability Development Document (IS-CDD), Military Intelligence Corps requirements and the Requirements and Configuration Control Board (RC2B) General Officer Steering Committee (GOSC) priorities.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / *Constructive Simulation Systems Development*	Project (Number/Name) 361 / *Intelligence Simulation Systems*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Increment 2 Software Eng, Development, Integration and Test Dev Sec Ops Tools/Agile Ready Architect.	C/CPFF	General Dynamics : Orlando, FL	9.793	7.586	Feb 2024	7.869	Feb 2025	7.790	Feb 2026	-		7.790	Continuing	Continuing	Continuing
		Subtotal	9.793	7.586		7.869		7.790		-		7.790	Continuing	Continuing	N/A

	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	9.793	7.586		7.869		7.790		-		7.790	Continuing	Continuing	N/A

Remarks

The IEWTPT Increment 2 contract is actively proceeding to meet IS-CDD and software acquisition pathway execution phase requirements in support of intelligence modernization training.

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 361 / *Intelligence Simulation Systems*

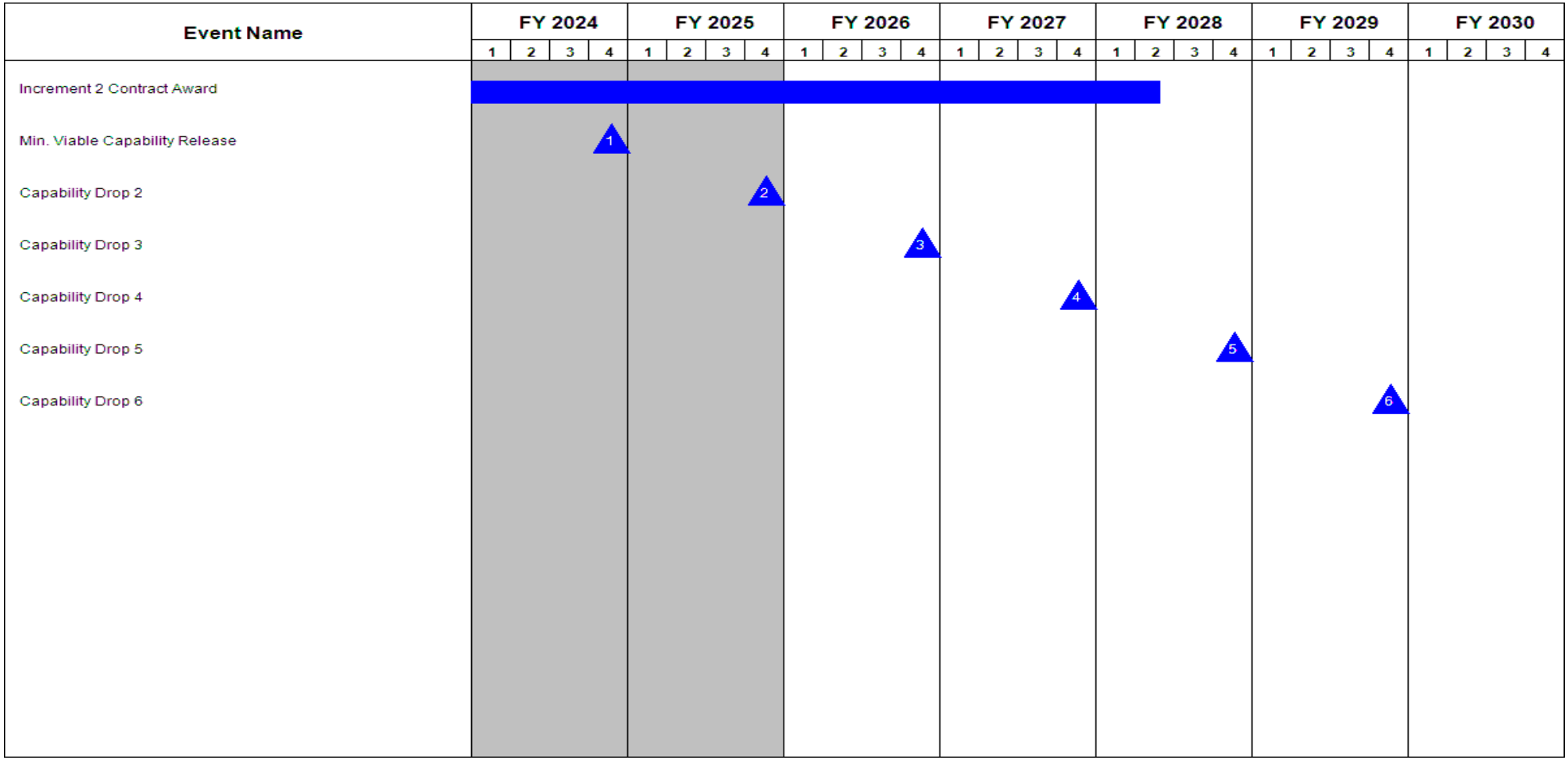

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 361 / *Intelligence Simulation Systems*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Increment 1 Bridge	2	2022	2	2022
Increment 2 Contract Award	2	2023	2	2028
Min. Viable Capability Release	4	2024	4	2024
Capability Drop 2	4	2025	4	2025
Capability Drop 3	4	2026	4	2026
Capability Drop 4	4	2027	4	2027
Capability Drop 5	4	2028	4	2028
Capability Drop 6	4	2029	4	2029

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army												Date: June 2025
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604742A / *Constructive Simulation Systems Development*				Project (Number/Name) 362 / *Jnt Land Component Constructive Trng*			
COST ($ in Millions)	**Prior Years**	**FY 2024**	**FY 2025**	**FY 2026 Base**	**FY 2026 OOC**	**FY 2026 Total**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**Cost To Complete**	**Total Cost**
362: *Jnt Land Component Constructive Trng*	-	22.268	22.228	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Per Chief of Staff of the Army (CSA) direction to Cyber harden and sustain JLCCTC v8.1, all JLCCTC RDT&E efforts have been suspended, and all new constructive capability request are to be referred to Next Generation Constructive (NGC).

In FY 2026, PE 0604742A / Project 362 is a skip year and has no FY 2026 funding request.

A. Mission Description and Budget Item Justification

The Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide for Army Commanders and their staff at Mission Training Complexes (MTCs), Training and Doctrine Command (TRADOC) facilities, and other customer locations. JLCCTC trains Commanders and their staff in Decisive Actions to include offensive, defensive, stability, and civil support operations. JLCCTC is a software modeling and simulation capability that contributes to Army Training Mission Area by providing appropriate levels of modeling and simulation resolution and fidelity to support unit collective and combined arms training. JLCCTC provides a composable federation configurable to any combination of models and simulations, as required by training exercise intent/design. JLCCTC provides accurate representations of tactically and operationally relevant land warfare operations executed in a contemporary Joint operating environment/context and in support of Army Training and Readiness. NGC enables collective training to be conducted for Corps and down, while increasing efficiency in planning, preparing, and executing training events. Funding will continue development of the Intel, Sustainment, Cyber, and Maneuver/Protection Warfighting Functions, STE Core Service in support of NGC development in accordance with validated STE-SW ICD FY 2025, AvSE development/integration; Development, Security, and Operations, DEVSECOPS implementation/execution; Technical Assessments, Soldier Touch Points (STPs), test planning events, and migration to a cloud environment.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
Title: Improve JLCCTC software models to comply with emerging Common Operating Environment (COE)/Computing Environment (CE) requirements.	0.650	0.650	-
Description: Improve JLCCTC software models to comply with emerging COE/CE requirements.			
FY 2025 Plans: Will continue improvements of JLCCTC software models to include common overlay development/modifications in support of COE compliance/standards.			
FY 2025 to FY 2026 Increase/Decrease Statement:			

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 362 / *Jnt Land Component Constructive Trng*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2026 funding decrease due to reprioritization to accelerate the Synthetic Training Environment Software Next Generation Combat capability.			
Title: Improve JLCCTC software models to meet emerging Mission Command (MC) stimulation and Cyber Security requirements. ***Description:*** Improve JLCCTC software models to meet emerging Mission Command (MC) stimulation and Risk Management Framework (RMF)/Cyber Security requirements. ***FY 2025 Plans:*** Continue to evolve JLCCTC to support emerging Mission Command requirements and fully comply with the Cyber Security RMF requirement. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to reprioritization to accelerate the Synthetic Training Environment Software Next Generation Combat capability.	0.800	0.800	-
Title: Improve JLCCTC software models to meet emerging warfighter requirements for Concurrency of Commander and staff training (Battalion thru Theater Level). ***Description:*** Improve JLCCTC software models to meet emerging warfighter requirements for Concurrency of Commander and staff training (Brigade through Theater Level). ***FY 2025 Plans:*** Continue to evolve JLCCTC software models to support additional emerging requirements in support of Commander and staff warfighter training exercises through Theater level. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to reprioritization to accelerate the Synthetic Training Environment Software Next Generation Combat capability.	1.603	6.215	-
Title: Government System Test and Evaluation for the Joint Land Component Constructive Training Capability (JLCCTC) Program. ***Description:*** Government System Test and Evaluation for the Joint Land Component Constructive Training Capability (JLCCTC). ***FY 2025 Plans:*** Continue conducting system test events (Integration and Testing) in support of the JLCCTC v9.x validation event (VE). ***FY 2025 to FY 2026 Increase/Decrease Statement:***	1.700	1.711	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 362 / *Jnt Land Component Constructive Trng*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2024	FY 2025	FY 2026
FY 2026 funding decrease due to reprioritization to accelerate the Synthetic Training Environment Software Next Generation Combat capability.			
Title: Conduct Army Ground Model Analysis of Alternative ***FY 2025 Plans:*** Continue development to interface the Army ground model with the Joint simulation capability. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to reprioritization to accelerate the Synthetic Training Environment Software Next Generation Combat capability.	2.908	7.453	-
Title: Constructive Terrain and Tools Development ***FY 2025 Plans:*** Continue execution of the SE Core No Fail Activities and development of tools to transform OWT data into JLCCTC compliant runtime formats. ***FY 2025 to FY 2026 Increase/Decrease Statement:*** FY 2026 funding decrease due to reprioritization to accelerate the Synthetic Training Environment Software Next Generation Combat capability.	0.835	5.399	-
Title: Improve rapid development of a high-fidelity terrain for NGC, while improving interoperability with the system. ***Description:*** Improve rapid development of a high-fidelity terrain for NGC, while improving interoperability with the system.	1.090	-	-
Title: Brigade acceleration and efficiency for modeling and simulation in a constructive environment ***Description:*** Brigade acceleration and efficiency for modeling and simulation in a constructive environment	7.995	-	-
Title: Software engineering, development, and integration/testing of intel based systems. ***Description:*** Software engineering, development, and integration/testing of intel based systems.	0.993	-	-
Title: Engineering oversight and representation. ***Description:*** Engineering oversight and representation.	3.694	-	-
Accomplishments/Planned Programs Subtotals	22.268	22.228	-

Exhibit R-2A, RDT&E Project Justification: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 362 / *Jnt Land Component Constructive Trng*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	FY 2027	FY 2028	FY 2029	FY 2030	Cost To Complete	Total Cost
• NA0103: *NSTD COMMAND & CONTROL*	27.764	28.178	39.489	-	39.489	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The JLCCTC contract (with Base contract of 4 years and two-three year options) was awarded to Phoenix Logistics Inc. (PLI) on 17 March 2020.

FY 2026 Base procurement dollars in the amount of $39.489 million will be used to Common Battle Command Simulation Equipment (CBCSE) commercial off-the-shelf (COTS) hardware and software, and to conduct Joint Land Component Constructive Training Capability (JLCCTC) cyber compliancy efforts to meet Vice Chief of Staff of the Army (VCSA) direction to cyber harden and sustain JLCCTC v8.1. The programs efforts are limited to the software modifications for cyber compliancy, maintaining Cyber Security/Risk Management Framework (RMF) posture to include Information Assurance Vulnerability Assessment (IAVA), maintaining National Security Agency (NSA) Raise-The-Bar (RTB) compliancy for cross domain solutions (CDS), Configuration Management, fielding activities, and limited Helpdesk activities.

JLCCTC produces a major software release/version which is then distributed/fielded to 46 sites worldwide in support of Army Command and Staff Training.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / *Constructive Simulation Systems Development*	Project (Number/Name) 362 / *Jnt Land Component Constructive Trng*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Improve JLCCTC to meet emerging warfighter requirements.	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	22.119	1.603	Dec 2023	6.215	Dec 2024	-		-		-	Continuing	Continuing	Continuing
MC Systems Stimulation and Cyber Security	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	10.732	0.800	Dec 2023	0.800	Dec 2024	-		-		-	Continuing	Continuing	Continuing
COE Compliance	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	7.690	0.650	Dec 2023	0.650	Dec 2024	-		-		-	Continuing	Continuing	Continuing
Conduct Army ground Model AoA	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	15.037	2.908	Dec 2023	7.453	Dec 2024	-		-		-	Continuing	Continuing	Continuing
Constructive Terrain and Tools Development	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	10.463	0.835	Dec 2023	5.399	Dec 2024	-		-		-	Continuing	Continuing	Continuing
NGC Terrain Development	Option/ FFP	MAXAR Technologies : Orlando, FL	-	1.090	Aug 2024	-		-		-		-	Continuing	Continuing	Continuing
Birigade Acceleration Effort	Option/ FFP	Cole Engineering Services : Orlando, FL	-	7.995	Aug 2024	-		-		-		-	Continuing	Continuing	Continuing
Software Engineering, Development, and Integration/testing of intel based systems	C/CPFF	General Dynamics : Orlando, FL	-	0.993	Sep 2024	-		-		-		-	Continuing	Continuing	Continuing
Engineering oversight and representation	Option/ Various	Various : Orlando, FL	-	3.694	Aug 2024	-		-		-		-	Continuing	Continuing	Continuing
		Subtotal	66.041	20.568		20.517		-		-		-	Continuing	Continuing	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2024 Cost	FY 2024 Award Date	FY 2025 Cost	FY 2025 Award Date	FY 2026 Base Cost	FY 2026 Base Award Date	FY 2026 OOC Cost	FY 2026 OOC Award Date	FY 2026 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
System T&E (I&T, VE, ORE)	Various	Various : Various	31.692	1.700	Dec 2023	1.711	Dec 2024	-		-		-	Continuing	Continuing	Continuing
		Subtotal	31.692	1.700		1.711		-		-		-	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Army			Date: June 2025
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / *Constructive Simulation Systems Development*	Project (Number/Name) 362 / *Jnt Land Component Constructive Trng*	

	Prior Years	FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	97.733	22.268		22.228		-		-		-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 362 / *Jnt Land Component Constructive Trng*

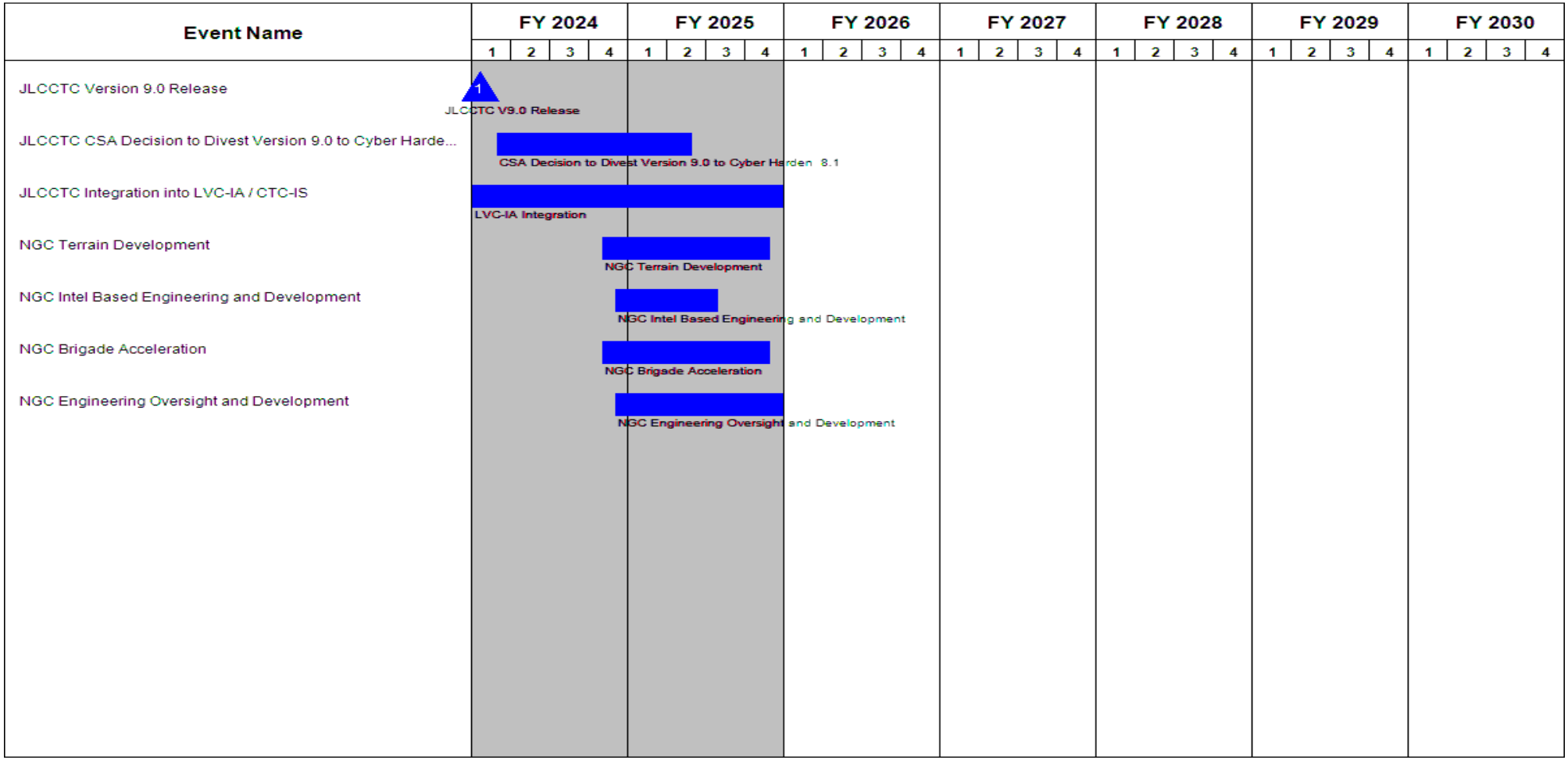

Exhibit R-4A, RDT&E Schedule Details: PB 2026 Army		Date: June 2025
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / *Constructive Simulation Systems Development*	**Project (Number/Name)** 362 / *Jnt Land Component Constructive Trng*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
JLCCTC Version 9.0 System Engr / Develop / I&T / Validation	1	2018	4	2023
JLCCTC Version 9.0 Release	1	2024	1	2024
JLCCTC CSA Decision to Divest Version 9.0 to Cyber Harden 8.1	1	2024	2	2025
JLCCTC Integration into LVC-IA / CTC-IS	1	2014	4	2025
NGC Terrain Development	4	2024	4	2025
NGC Intel Based Engineering and Development	4	2024	3	2025
NGC Brigade Acceleration	4	2024	4	2025
NGC Engineering Oversight and Development	4	2024	4	2025

Note

JLCCTC Version 9.0 Release updated to reflect CSA Decision: Divestment of Version 9.0 and Cyber Harden 8.1