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**Department of Defense
Fiscal Year (FY) 2026 Budget Estimates**

June 2025



Air Force

Justification Book Volume 4 of 4

Research, Development, Test & Evaluation, Air Force

Vol 4

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Air Force • Budget Estimates FY 2026 • RDT&E Program

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Fiscal Year (FY) 2026 President's Budget RDT&E Descriptive Summaries Budget Activities June 2025

INTRODUCTION AND EXPLANATION OF CONTENTS

GENERAL

- This document has been prepared to provide information on the United States Air Force (USAF) Research, Development, Test and Evaluation (RDT&E) program elements and projects in the FY26 President's Budget (PB).
 - All exhibits in this document have been assembled in accordance with DoD 7000.14R, Financial Management Regulation, Volume 2B, Chapter 5.
 - Other comments on exhibit contents in this document:
 - Exhibits R-2/2a and R-3 provide narrative information for all RDT&E program elements and projects within the USAF FY 2026 RDT&E program with the exception of classified program elements. The format and contents of this document are in accordance to the guidelines and requirements of the Congressional committees in so far as possible.
 - The "Other Program Funding Summary" portion of the R-2 includes, in addition to RDT&E funds, Procurement funds and quantities, Military Construction appropriation funds on specific development programs, Operations and Maintenance appropriation funds where they are essential to the development effort described, and where appropriate, Department of Energy (DOE) costs.

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- All exhibits contained in Volumes I, II, III, and IV are unclassified. Classified exhibits are not included in the submission due to the level of security classification and necessity of special security clearances.

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

Jun 2025

<u>Appropriation</u>	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, Air Force	47,693,850	46,811,425	69,278	46,880,703	52,017,288	10,226,620	62,243,908
Total Research, Development, Test, & Evaluation	47,693,850	46,811,425	69,278	46,880,703	52,017,288	10,226,620	62,243,908

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

Jun 2025

Appropriation: 3600F Research, Development, Test and Evaluation, Air Force

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	0601102F	Defense Research Sciences	01	U	347,393	361,930		361,930	302,716		302,716
2	0601103F	University Research Initiatives	01	U	172,154	146,372		146,372	94,121		94,121
	Basic Research				519,547	508,302		508,302	396,837		396,837
3	0602020F	Future AF Capabilities Applied Research	02	U	77,903	70,277		70,277	78,214		78,214
4	0602022F	University Affiliated Research Center (UARC) - Tactical Autonomy	02	U	6,180	8,225		8,225	6,294		6,294
5	0602102F	Materials	02	U	274,790	185,336		185,336	147,422		147,422
6	0602201F	Aerospace Vehicle Technologies	02	U	188,530	15,235		15,235			
7	0602202F	Human Effectiveness Applied Research	02	U	138,098	137,425		137,425	133,928		133,928
8	0602203F	Aerospace Systems Technologies	02	U	233,413	333,320		333,320	321,059		321,059
9	0602204F	Aerospace Sensors	02	U	236,340	193,029		193,029	199,120		199,120
10	0602212F	Defense Laboratories R&D Projects (10 U.S.C, Sec 2358)	02	U	111,692						
11	0602298F	Science and Technology Management - Major Headquarters Activities	02	U	10,303	9,662		9,662	10,813		10,813
12	0602336F	Nuclear Delivery Systems Tech Exploration	02	U					4,969		4,969
13	0602602F	Conventional Munitions	02	U	149,962	142,497		142,497	125,102		125,102
14	0602605F	Directed Energy Technology	02	U	111,169	98,012		98,012	92,331		92,331
15	0602788F	Dominant Information Sciences and Methods	02	U	337,052	207,333		207,333	187,036		187,036
	Applied Research				1,875,432	1,400,351		1,400,351	1,306,288		1,306,288
16	0603032F	Future AF Integrated Technology Demos	03	U	154,013	161,336		161,336	268,754		268,754

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17	0603112F	Advanced Materials for Weapon Systems	03	U	55,005	32,161		32,161	31,021		31,021
18	0603199F	Sustainment Science and Technology (S&T)	03	U	9,710	5,668		5,668	12,915		12,915
19	0603203F	Advanced Aerospace Sensors	03	U	51,051	37,935		37,935	69,652		69,652
20	0603211F	Aerospace Technology Dev/Demo	03	U	131,596	91,719		91,719	102,125		102,125
21	0603216F	Aerospace Propulsion and Power Technology	03	U	92,129						
22	0603270F	Electronic Combat Technology	03	U	30,543	36,445		36,445			
23	0603273F	Science & Technology for Nuclear Re-entry Systems	03	U	65,088	91,885		91,885	128,407		128,407
24	0603444F	Maui Space Surveillance System (MSSS)	03	U	2						
25	0603456F	Human Effectiveness Advanced Technology Development	03	U	39,929	14,608		14,608	19,790		19,790
26	0603601F	Conventional Weapons Technology	03	U	122,854	125,460		125,460	99,263		99,263
27	0603605F	Advanced Weapons Technology	03	U	96,178	25,050		25,050	4,434		4,434
28	0603680F	Manufacturing Technology Program	03	U	165,721	116,130		116,130	38,891		38,891
29	0603788F	Battlespace Knowledge Development and Demonstration	03	U	59,611	53,672		53,672	30,812		30,812
30	0604776F	Deployment & Distribution Enterprise R&D	03	U		19,441		19,441	28,316		28,316
31	0207412F	Control and Reporting Center (CRC)	03	U		2,012		2,012			
Advanced Technology Development					1,073,430	813,522		813,522	834,380		834,380
32	0603260F	Intelligence Advanced Development	04	U	6,977	3,820		3,820	3,901		3,901
33	0603742F	Combat Identification Technology	04	U	15,922	16,790		16,790	25,172		25,172

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34	0603790F	NATO Research and Development	04	U	2,208	2,298		2,298	4,595		4,595
35	0603851F	Intercontinental Ballistic Missile - Dem/Val	04	U	51,948	125,561		125,561	90,096		90,096
36	0604001F	NC3 Advanced Concepts	04	U	5,274	5,448		5,448	15,910		15,910
37	0604003F	Advanced Battle Management System (ABMS)	04	U	455,382	611,943		611,943	1,040,475		1,040,475
38	0604004F	Advanced Engine Development	04	U	269,971	100,000		100,000			
39	0604005F	NC3 Commercial Development & Prototyping	04	U	66,406	52,524		52,524	67,081		67,081
40	0604007F	E-7	04	U	849,565	607,413		607,413	199,676		199,676
41	0604009F	AFWERX	04	U	97,250	62,580		62,580	18,499		18,499
42	0604010F	Next Generation Adaptive Propulsion	04	U	573,832	507,337		507,337	330,270		330,270
43	0604015F	Long Range Strike - Bomber	04	U	2,877,844	2,654,073		2,654,073	2,347,225	2,391,920	4,739,145
44	0604025F	Rapid Defense Experimentation Reserve (RDER)	04	U	62,595	75,051		75,051			
45	0604032F	Directed Energy Prototyping	04	U	1,246	1,312		1,312			
46	0604033F	Hypersonics Prototyping	04	U	27,903						
47	0604183F	Hypersonics Prototyping - Hypersonic Attack Cruise Missile (HACM)	04	U	333,328	466,729		466,729	802,810		802,810
48	0604201F	PNT Resiliency, Mods, and Improvements	04	U	17,206						
49	0604257F	Advanced Technology and Sensors	04	U	22,616	15,865		15,865	40,779		40,779
50	0604283F	Battle Mgmt Com & Ctrl Sensor Development	04	U						150,000	150,000

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51	0604288F	Survivable Airborne Operations Center (SAOC)	04	U	717,641	1,617,187		1,617,187			
52	0604317F	Technology Transfer	04	U	35,952	10,485		10,485	3,558		3,558
53	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04	U	14,866	139,408		139,408	144,143		144,143
54	0604336F	Nuclear Delivery Systems Prototyping	04	U		39,079		39,079	56,926		56,926
55	0604414F	Cyber Resiliency of Weapon Systems-ACS	04	U	35,712	45,555		45,555	46,148		46,148
56	0604609F	Requirements Analysis & Concept Maturation	04	U		12,622		12,622	22,754		22,754
57	0604668F	Joint Transportation Management System (JTMS)	04	U	26,036	74,103		74,103	129,626		129,626
58	0604776F	Deployment & Distribution Enterprise R&D	04	U	23,733	4,840		4,840	4,996		4,996
59	0604858F	Tech Transition Program	04	U	232,375	239,342		239,342	134,833	164,000	298,833
60	0604860F	Operational Energy and Installation Resilience	04	U	23,270	25,395		25,395	49,460		49,460
61	0605057F	Next Generation Air-refueling System	04	U	9,325	7,014		7,014	12,960		12,960
62	0605164F	Air Refueling Capability Modernization	04	U	15,201	13,661		13,661			
63	0606004F	Nuclear Enterprise Research & Development	04	U					1,097		1,097
64	0606005F	Digital Transformation Office	04	U	57,511	9,800		9,800	15,997		15,997
65	0207110F	F-47	04	U	2,346,905	2,424,208		2,424,208			
66	0207147F	Collaborative Combat Aircraft	04	U		711,747		711,747	111,365	678,000	789,365

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67	0207179F	Autonomous Collaborative Platforms	04	U	110,945	50,666		50,666	62,019		62,019
68	0207420F	Combat Identification	04	U	1,902	1,914		1,914	1,713		1,713
69	0207423F	Advanced Communications Systems	04	U						5,500	5,500
70	0207448F	C2ISR Tactical Data Link	04	U		3,500		3,500			
71	0207455F	Three Dimensional Long-Range Radar (3DELRR)	04	U	13,875	8,100		8,100	17,344		17,344
72	0207522F	Airbase Air Defense Systems (ABADS)	04	U	67,182	17,273		17,273	15,785	15,000	30,785
73	0207606F	Joint Simulation Environment (JSE)	04	U		149,502		149,502	260,667		260,667
74	0208030F	War Reserve Materiel - Ammunition	04	U	7,897	5,226		5,226	9,865		9,865
75	0303010F	AF ISR Digital Infrastructure	04	U		18,733		18,733	24,817	2,200	27,017
76	0305236F	Common Data Link Executive Agent (CDL EA)	04	U	25,157	33,349		33,349	32,511		32,511
77	0305601F	Mission Partner Environments	04	U	17,078	18,438		18,438	14,956		14,956
78	0701200F	Enterprise Select Class II	04	U					1,000		1,000
79	0708051F	Rapid Sustainment Modernization (RSM)	04	U	78,431	50,044		50,044	32,666		32,666
80	0808736F	Special Victim Accountability and Investigation	04	U		3,006		3,006	1,997		1,997
81	0808737F	Integrated Primary Prevention	04	U	9,021	5,364		5,364	5,167		5,167
82	0901410F	Contracting Information Technology System	04	U	22,964	28,995		28,995	29,277		29,277
83	1206415F	U.S. Space Command Research and Development Support	04	U	8,782	24,446		24,446	36,913		36,913
Advanced Component Development & Prototypes					9,639,234	11,101,746		11,101,746	6,267,049	3,406,620	9,673,669

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84	0604200F	Future Advanced Weapon Analysis & Programs	05	U	9,589	7,205		7,205	36,125		36,125
85	0604201F	PNT Resiliency, Mods, and Improvements	05	U	171,555	214,900		214,900	125,663		125,663
86	0604222F	Nuclear Weapons Support	05	U	44,219	70,823		70,823	79,312		79,312
87	0604270F	Electronic Warfare Development	05	U	23,673	13,754		13,754	17,013		17,013
88	0604281F	Tactical Data Networks Enterprise	05	U	82,369	78,480		78,480	77,170		77,170
89	0604287F	Physical Security Equipment	05	U	9,836	10,569		10,569	10,589		10,589
90	0604288F	Survivable Airborne Operations Center (SAOC)	05	U					1,826,328	6,800	1,833,128
91	0604602F	Armament/Ordnance Development	05	U	5,036	5,417		5,417	7,253		7,253
92	0604604F	Submunitions	05	U	3,345	3,427		3,427	3,502		3,502
93	0604617F	Agile Combat Support	05	U	50,747	23,635		23,635	23,474		23,474
94	0604706F	Life Support Systems	05	U	37,578	24,502		24,502	20,542		20,542
95	0604735F	Combat Training Ranges	05	U	56,609	160,783		160,783	139,499		139,499
96	0604932F	Long Range Standoff Weapon	05	U	856,942	593,926		593,926	606,955		606,955
97	0604933F	ICBM Fuze Modernization	05	U	40,447				3,252		3,252
98	0605030F	Joint Tactical Network Center (JTNC)	05	U	2,256						
99	0605031F	Joint Tactical Network (JTN)	05	U	452						
100	0605056F	Open Architecture Management	05	U	34,239	41,223		41,223	44,150		44,150
101	0605223F	Advanced Pilot Training	05	U	58,803	248,589		248,589	172,378		172,378
102	0605229F	HH-60W	05	U	39,815						

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103	0605238F	Ground Based Strategic Deterrent EMD	05	U	4,327,250	2,011,024		2,011,024	2,647,563	1,500,000	4,147,563
104	0605296F	Microelectronics Secure Enclave	05	U					104,990		104,990
105	0102417F	Over-the-Horizon Backscatter Radar	05	U	471,042	377,394		377,394			
106	0207039F	Cognitive Electromagnetic Warfare	05	U					44,267		44,267
107	0207110F	F-47	05	U					2,579,362	900,000	3,479,362
108	0207171F	F-15 EPAWSS	05	U	12,975						
109	0207279F	Isolated Personnel Survivability and Recovery	05	U	54,271	10,020		10,020	99,248		99,248
110	0207328F	Stand In Attack Weapon	05	U	220,978	346,341		346,341	255,336		255,336
111	0207407F	Electromagnetic Battle Management (EMBM)	05	U					20,439		20,439
112	0207701F	Full Combat Mission Training	05	U	7,597	7,754		7,754	12,898		12,898
113	0208036F	Medical C-CBRNE Programs	05	U	2,006						
114	0303008F	SATURN	05	U					4,985		4,985
115	0303267F	Auctioned Spectrum Relocation Fund	05	U	21,667						
116	0303867F	AMBIT - Post-Auctioned SRF	05	U	19,057						
117	0305155F	Theater Nuclear Weapon Storage & Security System	05	U		2,000		2,000	19,875		19,875
118	0305205F	Endurance Unmanned Aerial Vehicles	05	U	30,000						
119	0305282F	Joint Fires Network (JFN)	05	U						132,420	132,420
120	0401221F	KC-46A Tanker Squadrons	05	U	78,704	77,804		77,804	145,434		145,434
121	0401319F	VC-25B	05	U	94,750	433,943		433,943	602,318		602,318
122	0701212F	Automated Test Systems	05	U	10,007	21,634		21,634	30,341		30,341

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123	0804772F	Training Developments	05	U	1,248	4,960		4,960	5,067		5,067
124	1203176F	Combat Survivor Evader Locator	05	U		1,135		1,135			
	System Development & Demonstration				6,879,062	4,791,242		4,791,242	9,765,328	2,539,220	12,304,548
125	0604256F	Threat Simulator Development	06	U	16,418	17,291		17,291	41,125		41,125
126	0604759F	Major T&E Investment	06	U	30,758	74,228		74,228	156,915		156,915
127	0605101F	RAND Project Air Force	06	U	30,998	39,720		39,720	32,405		32,405
128	0605502F	Small Business Innovation Research	06	U	947,652						
129	0605712F	Initial Operational Test & Evaluation	06	U	13,720	14,247		14,247	13,872		13,872
130	0605807F	Test and Evaluation Support	06	U	960,429	936,913		936,913	1,098,871		1,098,871
131	0605827F	Acq Workforce- Global Vig & Combat Sys	06	U	317,901	327,724		327,724			
132	0605828F	Acq Workforce- Global Reach	06	U	486,427	503,040		503,040			
133	0605829F	Acq Workforce- Cyber, Network, & Bus Sys	06	U	502,787	466,068		466,068	435,918		435,918
134	0605831F	Acq Workforce- Capability Integration	06	U	273,530	291,444		291,444	1,153,165		1,153,165
135	0605832F	Acq Workforce- Advanced Prgm Technology	06	U	72,767	68,182		68,182			
136	0605833F	Acq Workforce- Nuclear Systems	06	U	305,322	343,180		343,180	368,881		368,881
137	0605898F	Management HQ - R&D	06	U	6,705	6,291		6,291	5,960		5,960
138	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support	06	U	116,389	94,828		94,828	217,761		217,761

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139	0605978F	Facilities Sustainment - Test and Evaluation Support	06	U	56,218	63,579		63,579	91,969		91,969
140	0606017F	Requirements Analysis and Maturation	06	U	114,631	31,450		31,450	28,157		28,157
141	0606398F	Management HQ - T&E	06	U	7,748	7,647		7,647	7,417		7,417
142	0208201F	Offensive small Unmanned Aircraft Systems (sUAS)	06	U					4,985		4,985
143	0303255F	Command, Control, Communication, and Computers (C4) - STRATCOM	06	U	45,725	39,607		39,607	15,662		15,662
144	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	06	U	96,912	104,133		104,133	101,779		101,779
145	0702806F	Acquisition and Management Support	06	U	24,436	25,216		25,216	22,670		22,670
146	0804776F	Advanced Distributed Learning	06	U		828		828	1,698		1,698
147	0909999F	Financing for Cancelled Account Adjustments	06	U	2,696						
148	1001004F	International Activities	06	U	3,917	4,254		4,254	4,430		4,430
	Management Support				4,434,086	3,459,870		3,459,870	3,803,640		3,803,640
149	0604233F	Specialized Undergraduate Flight Training	07	U	26,265	30,043		30,043	66,200		66,200
150	0604283F	Battle Mgmt Com & Ctrl Sensor Development	07	U	27,388	69,040		69,040	17,353		17,353
151	0604445F	Wide Area Surveillance	07	U	9,269	21,443		21,443			
152	0604617F	Agile Combat Support	07	U	5,446						
153	0604840F	F-35 C2D2	07	U	1,236,710	1,134,207		1,134,207	1,182,094		1,182,094
154	0605018F	AF Integrated Personnel and Pay System (AF-IPPS)	07	U	63,451	49,739		49,739	64,050		64,050

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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
155	0605024F	Anti-Tamper Technology Executive Agency	07	U	49,311	65,792		65,792	62,965		62,965
156	0605117F	Foreign Materiel Acquisition and Exploitation	07	U	166,851	94,188		94,188			
157	0605229F	HH-60W	07	U		39,629		39,629	43,579	15,129	58,708
158	0605278F	HC/MC-130 Recap RDT&E	07	U	13,195	16,085		16,085	50,845		50,845
159	0606018F	NC3 Integration	07	U	22,222	21,864		21,864	40,066		40,066
160	0101113F	B-52 Squadrons	07	U	880,341	1,051,116		1,051,116	931,164		931,164
161	0101122F	Air-Launched Cruise Missile (ALCM)	07	U	279	542		542	555		555
162	0101126F	B-1B Squadrons	07	U	12,291	17,939		17,939	116,589		116,589
163	0101127F	B-2 Squadrons	07	U	83,010	37,862		37,862	12,519		12,519
164	0101213F	Minuteman Squadrons	07	U	41,732	59,320		59,320	106,032		106,032
165	0101316F	Worldwide Joint Strategic Communications	07	U	23,522	13,690		13,690	24,081		24,081
166	0101318F	Service Support to STRATCOM - Global Strike	07	U	7,562	7,330		7,330	6,928		6,928
167	0101328F	ICBM Reentry Vehicles	07	U	452,306	392,423		392,423	259,605	100,000	359,605
169	0102110F	MH-139A	07	U	25,464	15,000		15,000	5,982		5,982
170	0102326F	Region/Sector Operation Control Center Modernization Program	07	U	831	852		852	726		726
171	0102417F	Over-the-Horizon Backscatter Radar	07	U					132,097	70,600	202,697
172	0202834F	Vehicles and Support Equipment - General	07	U	9,474	6,097		6,097	744		744
173	0205219F	MQ-9 UAV	07	U	82,393	7,074		7,074	26,689		26,689

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174	0205671F	Joint Counter RCIED Electronic Warfare	07	U	2,303	3,372		3,372	3,424		3,424
175	0207040F	Multi-Platform Electronic Warfare Equipment	07	U	14,312						
176	0207133F	F-16 Squadrons	07	U	119,589	104,252		104,252	216,638		216,638
177	0207134F	F-15E Squadrons	07	U	40,348	158,603		158,603	233,018		233,018
178	0207136F	Manned Destructive Suppression	07	U	12,871	13,855		13,855	17,680		17,680
179	0207138F	F-22A Squadrons	07	U	640,109	758,754		758,754	852,332		852,332
180	0207142F	F-35 Squadrons	07	U	88,991	47,132		47,132	48,446		48,446
181	0207146F	F-15EX	07	U	101,996	56,228		56,228	78,345	2,100	80,445
182	0207161F	Tactical AIM Missiles	07	U	40,473	34,932		34,932	86,549		86,549
183	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	U	51,976	53,593		53,593	51,242		51,242
184	0207172F	Joint Advanced Tactical Missile (JATM)	07	U					425,029		425,029
185	0207227F	Combat Rescue - Pararescue	07	U	659	743		743			
186	0207238F	E-11A	07	U	23,044	30,967		30,967	15,244		15,244
187	0207242F	Special Program Applications	07	U						35,000	35,000
188	0207247F	AF TENCAP	07	U	30,649	50,263		50,263	52,492		52,492
189	0207249F	Precision Attack Systems Procurement	07	U	11,459	9,423		9,423	13,613		13,613
190	0207253F	Compass Call	07	U	62,555	132,475		132,475		63,137	63,137
191	0207268F	Aircraft Engine Component Improvement Program	07	U	58,262	60,498		60,498	52,734		52,734

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192	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	07	U	129,314	181,692		181,692	232,252		232,252
193	0207327F	Small Diameter Bomb (SDB)	07	U	42,860	29,910		29,910	24,810		24,810
194	0207410F	Air & Space Operations Center (AOC)	07	U	69,798	65,102		65,102	113,086		113,086
195	0207412F	Control and Reporting Center (CRC)	07	U	17,074	16,856		16,856	17,569		17,569
196	0207418F	AFSPECWAR - TACP	07	U	1,622	1,433		1,433			
198	0207431F	Combat Air Intelligence System Activities	07	U	75,883	25,049		25,049	33,601		33,601
199	0207438F	Theater Battle Management (TBM) C4I	07	U	6,231	4,401		4,401	6,787		6,787
200	0207439F	Electromagnetic Warfare Int Reprog (EWIR)	07	U	10,007	13,577		13,577	60,072		60,072
201	0207444F	Tactical Air Control Party-Mod	07	U	24,093	12,171		12,171			
202	0207452F	DCAPES	07	U	6,686	8,431		8,431	8,507		8,507
203	0207457F	Air Force Special Warfare (SPECWAR)	07	U					27,526		27,526
204	0207521F	Air Force Calibration Programs	07	U	2,172	2,223		2,223	2,273		2,273
205	0207573F	National Technical Nuclear Forensics	07	U	1,974	2,060		2,060			
206	0207590F	Seek Eagle	07	U	33,417	34,985		34,985	33,707		33,707
207	0207605F	Wargaming and Simulation Centers	07	U	11,894						
208	0207611F	Readiness Decision Support Enterprise	07	U					8,880		8,880
209	0207697F	Distributed Training and Exercises	07	U	3,678	3,964		3,964	4,399		4,399
210	0207701F	Full Combat Mission Training	07	U		3,948		3,948	8,096		8,096

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211	0208006F	Mission Planning Systems	07	U	83,500	80,709		80,709	138,745		138,745
212	0208007F	Tactical Deception	07	U	35,250	539		539	13,711		13,711
213	0208087F	Distributed Cyber Warfare Operations	07	U	40,457	29,996		29,996	31,197		31,197
214	0208088F	AF Defensive Cyberspace Operations	07	U	62,058	89,618		89,618	95,034		95,034
218	0208288F	Intel Data Applications	07	U	5,217	988		988	1,012	6,700	7,712
219	0301025F	GeoBase	07	U	1,458				999		999
220	0301113F	Cyber Security Intelligence Support	07	U	8,476	18,141		18,141	14,749		14,749
226	0301377F	Countering Advanced Conventional Weapons (CACW)	07	U		834		834	1,117		1,117
228	0301401F	AF Multi-Domain Non-Traditional ISR Battlespace Awareness	07	U	2,890	3,006		3,006	2,987		2,987
229	0302015F	E-4B National Airborne Operations Center (NAOC)	07	U	42,074	57,441		57,441	54,457		54,457
230	0302315F	Non-Kinetic Countermeasure Support	07	U		7,590		7,590	7,006		7,006
231	0303004F	EIT CONNECT	07	U	7,923	16,120		16,120			
232	0303089F	Cyberspace and DoDIN Operations	07	U	4,738	9,776		9,776	10,080		10,080
233	0303131F	Minimum Essential Emergency Communications Network (MEECN)	07	U	31,099	25,500		25,500	99,599		99,599
234	0303133F	High Frequency Radio Systems	07	U	26,370	8,667		8,667	19,955		19,955
235	0303140F	Information Systems Security Program	07	U	89,233	94,424		94,424	98,414		98,414
236	0303248F	All Domain Common Platform	07	U	69,565	82,927		82,927	76,642		76,642
237	0303260F	Joint Military Deception Initiative	07	U	4,510	7,324		7,324	356		356

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238	0304100F	Strategic Mission Planning & Execution System (SMPES)	07	U	62,807	69,441		69,441	75,164		75,164
239	0304109F	THRESHER	07	U					105		105
242	0304260F	Airborne SIGINT Enterprise	07	U	113,429	85,284		85,284	90,650		90,650
243	0304310F	Commercial Economic Analysis	07	U	4,245	4,719		4,719	4,127		4,127
246	0305015F	C2 Air Operations Suite - C2 Info Services	07	U	13,273	13,524		13,524			
247	0305020F	CCMD Intelligence Information Technology	07	U	1,660	1,836		1,836	1,547		1,547
248	0305022F	ISR Modernization & Automation Dvmt (IMAD)	07	U	15,180	19,409		19,409	22,237		22,237
249	0305099F	Global Air Traffic Management (GATM)	07	U	4,928	5,151		5,151	4,257		4,257
250	0305103F	Cyber Security Initiative	07	U		304		304	310		310
251	0305111F	Weather Service	07	U	52,701	40,782		40,782	30,509		30,509
252	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	07	U	25,910	15,143		15,143	17,259		17,259
253	0305116F	Aerial Targets	07	U	6,671	6,085		6,085	5,081		5,081
256	0305128F	Security and Investigative Activities	07	U	339	481		481	8,964		8,964
257	0305146F	Defense Joint Counterintelligence Activities	07	U	6,930	6,387		6,387	6,524		6,524
258	0305158F	Tactical Terminal	07	U		501		501	1,099		1,099
259	0305179F	Integrated Broadcast Service (IBS)	07	U	18,540	16,006		16,006	19,085		19,085
260	0305202F	Dragon U-2	07	U	16,842						
261	0305206F	Airborne Reconnaissance Systems	07	U	56,158	84,363		84,363	25,432		25,432

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262	0305207F	Manned Reconnaissance Systems	07	U	14,330	16,323		16,323	16,643		16,643
263	0305208F	Distributed Common Ground/Surface Systems	07	U	92,354	86,476		86,476	79,033		79,033
264	0305220F	RQ-4 UAV	07	U	1,242	6,171		6,171			
265	0305221F	Network-Centric Collaborative Targeting	07	U	20,696	8,952		8,952	12,019		12,019
266	0305238F	NATO AGS	07	U	2	865		865	816		816
267	0305240F	ISR Transport and Processing	07	U	33,589	30,932		30,932	32,578		32,578
268	0305249F	AF JWICS Enterprise	07	U		9,445		9,445	21,097		21,097
269	0305600F	International Intelligence Technology and Architectures	07	U	15,322	17,784		17,784	18,946		18,946
270	0305836F	C2IMERA	07	U					13,867		13,867
271	0305881F	Rapid Cyber Acquisition	07	U	8,482						
272	0305903F	COCOM Mobile Command and Control Centers (MCCCs)	07	U					3,988		3,988
273	0305984F	Personnel Recovery Command & Ctrl (PRC2)	07	U	3,162	2,831		2,831	2,891		2,891
274	0307577F	Intelligence Mission Data (IMD)	07	U	7,090	3,658		3,658	3,000		3,000
275	0401115F	C-130 Airlift Squadron	07	U	21,959						
276	0401119F	C-5 Airlift Squadrons (IF)	07	U	25,938	32,903		32,903	33,713		33,713
277	0401130F	C-17 Aircraft (IF)	07	U	2,702	11,986		11,986	76,514	4,410	80,924
278	0401132F	C-130J Program	07	U	21,469	63,533		63,533	31,354		31,354
279	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	07	U	3,909	7,768		7,768	52,928		52,928
280	0401218F	KC-135s	07	U	71,854	9,899		9,899		43,000	43,000

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281	0401318F	CV-22	07	U	16,581	26,249		26,249	653	30,857	31,510
282	0408011F	Special Tactics / Combat Control	07	U	7,711	9,421		9,421			
283	0708610F	Logistics Information Technology (LOGIT)	07	U	20,682	11,895		11,895	18,581		18,581
284	0801380F	AF LVC Operational Training (LVC-OT)	07	U	21,423	27,535		27,535	33,898		33,898
285	0804743F	Other Flight Training	07	U	2,182	1,159		1,159	2,371		2,371
286	0901202F	Joint Personnel Recovery Agency	07	U	2,158	2,320		2,320	2,080		2,080
287	0901218F	Civilian Compensation Program	07	U	3,703	4,267		4,267	4,355		4,355
288	0901220F	Personnel Administration	07	U	3,559	3,163		3,163	2,766		2,766
289	0901226F	Air Force Studies and Analysis Agency	07	U	875	9,941		9,941	14,761		14,761
290	0901538F	Financial Management Information Systems Development	07	U	4,093	5,634		5,634	3,982		3,982
291	0901554F	Defense Enterprise Acntng and Mgt Sys (DEAMS)	07	U	48,412	57,689		57,689	38,942		38,942
292	1201921F	Service Support to STRATCOM - Space Activities	07	U					335		335
293	1202140F	Service Support to SPACECOM Activities	07	U	9,752						
999	999999999	Classified Programs	07	U	16,897,785	18,292,410	69,278	18,361,688	22,264,031	3,909,847	26,173,878
		Operational Systems Development			23,273,059	24,736,392	69,278	24,805,670	29,643,766	4,280,780	33,924,546
Total Research, Development, Test and Evaluation, Air Force					47,693,850	46,811,425	69,278	46,880,703	52,017,288	10,226,620	62,243,908

1. FY 2024 includes \$6,958K in OOC Actuals. FY 2025 includes \$2,819K in OOC Enactment. FY 2026 includes \$2,012K for the OOC Budget Estimate.

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Tactical Data Networks Enterprise	0604281F	88	05.....	Volume 2 - 645
Tactical Deception	0208007F	212	07.....	Volume 4 - 205
Tactical Terminal	0305158F	258	07.....	Volume 4 - 539
Tech Transition Program	0604858F	59	04.....	Volume 2 - 333
Technology Transfer	0604317F	52	04.....	Volume 2 - 231
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Theater Battle Management (TBM) C4I	0207438F	199	07.....	Volume 4 - 35
Theater Nuclear Weapon Storage & Security System	0305155F	117	05.....	Volume 2 - 925
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Department of Defense
FY 2026 President's Budget
Exhibit R-1 FY 2026 President's Budget
Total Obligational Authority
(Dollars in Thousands)

Jun 2025

	FY 2024 Actuals	FY 2025 Enacted	FY 2025 Supplemental	FY 2025 Total	FY 2026 Disc Request ¹	FY 2026 Reconciliation Request	FY 2026 Total
<u>Summary Recap of Budget Activities</u>							
Basic Research	519,547	508,302		508,302	396,837		396,837
Applied Research	1,875,432	1,400,351		1,400,351	1,306,288		1,306,288
Advanced Technology Development	1,073,430	813,522		813,522	834,380		834,380
Advanced Component Development & Prototypes	9,639,234	11,101,746		11,101,746	6,267,049	3,406,620	9,673,669
System Development & Demonstration	6,879,062	4,791,242		4,791,242	9,765,328	2,539,220	12,304,548
Management Support	4,434,086	3,459,870		3,459,870	3,803,640		3,803,640
Operational Systems Development	23,273,059	24,736,392	69,278	24,805,670	29,643,766	4,280,780	33,924,546
Total Research, Development, Test, & Evaluation	47,693,850	46,811,425	69,278	46,880,703	52,017,288	10,226,620	62,243,908
<u>Summary Recap of FYDP Programs</u>							
Strategic Forces	1,998,380	1,973,468		1,973,468	1,596,278	170,600	1,766,878
General Purpose Forces	4,901,181	5,874,176		5,874,176	6,530,776	1,705,437	8,236,213
Intelligence and Communications	1,139,814	1,100,863		1,100,863	1,118,174	134,620	1,252,794
Mobility Forces	345,577	673,506		673,506	942,914	78,267	1,021,181
Research and Development	22,132,772	18,603,517		18,603,517	19,271,818	4,227,849	23,499,667
Central Supply and Maintenance	133,556	108,789		108,789	105,258		105,258
Training Medical and Other	33,874	42,852		42,852	50,198		50,198
Administration and Associated Activities	88,460	112,009		112,009	96,163		96,163
Support of Other Nations	3,917	4,254		4,254	4,430		4,430
Space	18,534	25,581		25,581	37,248		37,248
Classified Programs	16,897,785	18,292,410	69,278	18,361,688	22,264,031	3,909,847	26,173,878
Total Research, Development, Test, & Evaluation	47,693,850	46,811,425	69,278	46,880,703	52,017,288	10,226,620	62,243,908

1. FY 2024 includes \$6,958K in OOC Actuals. FY 2025 includes \$2,819K in OOC Enactment. FY 2026 includes \$2,012K for the OOC Budget Estimate.

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Department of the Air Force
TOTAL CIVILIAN PERSONNEL COSTS
OP-8B: OP-8 (PB)
FY 2026 President's Budget Submission
(FY 2024)

	(\$ in Thousands)											Rates				
	a Begin Strength	b End Strength	c FTEs	d Basic Comp	e Overtime Pay	f Holiday Pay	g Other O.C.11	e + f + g h Total Variables	d + h i Comp O.C.11	j Benefits O.C.12/13	i + j k Comp & Benefits	d/c l Basic Comp	i/c m Total Comp	Rates k/c n Comp & Benefits	h/d o % BC Variables	j/d p % BC Benefits
Direct Funded Personnel (includes OC 13)	20,333	19,927	19,969	2,489,673	0	0	0	0	2,489,673	1,100,619	3,590,292	\$124,677	\$124,677	\$179,793	0.0%	44.2%
D1. US Direct Hire (USDH)	20,329	19,925	19,967	2,489,341	-	-	-	-	2,489,341	1,100,619	3,589,960	\$124,673	\$124,673	\$179,795	0.0%	44.2%
D1a. Senior Executive Schedule	23	75	75	11,567	-	-	-	-	11,567	4,164	15,731	\$154,227	\$154,227	\$209,747	0.0%	36.0%
D1b. General Schedule	19,425	16,594	16,636	2,251,683	-	-	-	-	2,251,683	1,015,062	3,266,745	\$135,350	\$135,350	\$196,366	0.0%	45.1%
D1c. Special Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D1d. Wage System	881	3,256	3,256	226,091	-	-	-	-	226,091	81,393	307,484	\$69,438	\$69,438	\$94,436	0.0%	36.0%
D1e. Highly Qualified Experts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D1f. Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2. Direct Hire Program Foreign Nationals (DHFN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3. Total Direct Hire	20,329	19,925	19,967	2,489,341	-	-	-	-	2,489,341	1,100,619	3,589,960	\$124,673	\$124,673	\$179,795	0.0%	44.2%
D4. Indirect Hire Foreign Nationals (IHFN)	4	2	2	332	-	-	-	-	332	166,000	166,000	\$166,000	\$166,000	\$166,000	0.0%	0.0%
Subtotal - Direct Funded (excludes OC 13)	20,333	19,927	19,969	2,489,673	-	-	-	-	2,489,673	1,100,619	3,590,292	\$124,677	\$124,677	\$179,793	0.0%	44.2%
D5. Other Object Class 13 Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5a. USDH - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5b. DHFN - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5c. Voluntary Separation Incentive Pay (VSIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5d. Foreign National Separation Liability Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reimbursable Funded Personnel (includes OC 13)	2,788	4,007	4,007	544,987	0	0	0	0	544,987	0	544,987	\$136,009	\$136,009	\$136,009	0.0%	0.0%
R1. US Direct Hire (USDH)	2,788	4,007	4,007	544,987	-	-	-	-	544,987	-	544,987	\$136,009	\$136,009	\$136,009	0.0%	0.0%
R1a. Senior Executive Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1b. General Schedule	2,788	4,007	4,007	544,987	-	-	-	-	544,987	-	544,987	\$136,009	\$136,009	\$136,009	0.0%	0.0%
R1c. Special Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1d. Wage System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1e. Highly Qualified Experts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1f. Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R2. Direct Hire Program Foreign Nationals (DHFN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R3. Total Direct Hire	2,788	4,007	4,007	544,987	-	-	-	-	544,987	-	544,987	\$136,009	\$136,009	\$136,009	0.0%	0.0%
R4. Indirect Hire Foreign Nationals (IHFN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Reimbursable Funded (excludes OC 13)	2,788	4,007	4,007	544,987	-	-	-	-	544,987	-	544,987	\$136,009	\$136,009	\$136,009	0.0%	0.0%
R5. Other Object Class 13 Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5a. USDH - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5b. DHFN - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5c. Voluntary Separation Incentive Pay (VSIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5d. Foreign National Separation Liability Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Personnel (includes OC 13)	23,121	23,934	23,976	3,034,660	0	0	0	0	3,034,660	1,100,619	4,135,279	\$126,571	\$126,571	\$172,476	0.0%	36.3%
T1. US Direct Hire (USDH)	23,117	23,932	23,974	3,034,328	-	-	-	-	3,034,328	1,100,619	4,134,947	\$126,567	\$126,567	\$172,476	0.0%	36.3%
T1a. Senior Executive Schedule	23	75	75	11,567	0	0	0	0	11,567	4,164	15,731	\$154,227	\$154,227	\$209,747	0.0%	36.0%
T1b. General Schedule	22,213	20,601	20,643	2,796,670	0	0	0	0	2,796,670	1,015,062	3,811,732	\$135,478	\$135,478	\$184,650	0.0%	36.3%
T1c. Special Schedule	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T1d. Wage System	881	3,256	3,256	226,091	0	0	0	0	226,091	81,393	307,484	\$69,438	\$69,438	\$94,436	0.0%	36.0%
T1e. Highly Qualified Experts	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T1f. Other	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T2. Direct Hire Program Foreign Nationals (DHFN)	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T3. Total Direct Hire	23,117	23,932	23,974	3,034,328	-	-	-	-	3,034,328	1,100,619	4,134,947	\$126,567	\$126,567	\$172,476	0.0%	36.3%
T4. Indirect Hire Foreign Nationals (IHFN)	4	2	2	332	0	0	0	0	332	166,000	166,000	\$166,000	\$166,000	\$166,000	0.0%	0.0%
Subtotal - Total Funded (excludes OC 13)	23,121	23,934	23,976	3,034,660	-	-	-	-	3,034,660	1,100,619	4,135,279	\$126,571	\$126,571	\$172,476	0.0%	36.3%
T5. Other Object Class 13 Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5a. USDH - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5b. DHFN - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5c. Voluntary Separation Incentive Pay (VSIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5d. Foreign National Separation Liability Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Department of the Air Force
TOTAL CIVILIAN PERSONNEL COSTS
OP-8B: OP-8 (PB)
FY 2026 President's Budget Submission
(FY 2025)

	(S in Thousands)											Rates				
	a Begin Strength	b End Strength	c FTEs	d Basic Comp	e Overtime Pay	f Holiday Pay	g Other O.C.11	e + f + g h Total Variables	d + h i Comp O.C.11	j Benefits O.C.12/13	i + j k Comp & Benefits	d/c l Basic Comp	i/c m Total Comp	k/c n Comp & Benefits	h/d o % BC Variables	j/d p % BC Benefits
Direct Funded Personnel (includes OC 13)	19,927	19,949	19,949	2,367,894	0	0	0	0	2,367,894	723,652	3,091,546	\$118,697	\$118,697	\$154,972	0.0%	30.6%
D1. US Direct Hire (USDH)	19,925	19,947	19,947	2,367,562	-	-	-	-	2,367,562	723,652	3,091,214	\$118,693	\$118,693	\$154,971	0.0%	30.6%
D1a. Senior Executive Schedule	75	75	75	13,500					13,500	4,860	18,360	\$180,000	\$180,000	\$244,800	0.0%	36.0%
D1b. General Schedule	16,594	16,616	16,616	2,106,606					2,106,606	629,708	2,736,314	\$126,782	\$126,782	\$164,679	0.0%	29.9%
D1c. Special Schedule	-	-	-	-					-	-	-	-	-	-	-	-
D1d. Wage System	3,256	3,256	3,256	247,456					247,456	89,084	336,540	\$76,000	\$76,000	\$103,360	0.0%	36.0%
D1e. Highly Qualified Experts	-	-	-	-					-	-	-	-	-	-	-	-
D1f. Other	-	-	-	-					-	-	-	-	-	-	-	-
D2. Direct Hire Program Foreign Nationals (DHFN)	-	-	-	-					-	-	-	-	-	-	-	-
D3. Total Direct Hire	19,925	19,947	19,947	2,367,562	-	-	-	-	2,367,562	723,652	3,091,214	\$118,693	\$118,693	\$154,971	0.0%	30.6%
D4. Indirect Hire Foreign Nationals (IHFN)	2	2	2	332					332	332	332	\$166,000	\$166,000	\$166,000	0.0%	0.0%
Subtotal - Direct Funded (excludes OC 13)	19,927	19,949	19,949	2,367,894	-	-	-	-	2,367,894	723,652	3,091,546	\$118,697	\$118,697	\$154,972	0.0%	30.6%
D5. Other Object Class 13 Benefits																
D5a. USDH - Benefits for Former Employees																
D5b. DHFN - Benefits for Former Employees																
D5c. Voluntary Separation Incentive Pay (VSIP)																
D5d. Foreign National Separation Liability Accrual																
Reimbursable Funded Personnel (includes OC 13)	4,007	4,591	4,591	565,802	0	0	0	0	565,802	0	565,802	\$123,242	\$123,242	\$123,242	0.0%	0.0%
R1. US Direct Hire (USDH)	4,007	4,591	4,591	565,802	-	-	-	-	565,802	-	565,802	\$123,242	\$123,242	\$123,242	0.0%	0.0%
R1a. Senior Executive Schedule	-	-	-	-					-	-	-	-	-	-	-	-
R1b. General Schedule	4,007	4,591	4,591	565,802					565,802		565,802	\$123,242	\$123,242	\$123,242	0.0%	0.0%
R1c. Special Schedule	-	-	-	-					-	-	-	-	-	-	-	-
R1d. Wage System	-	-	-	-					-	-	-	-	-	-	-	-
R1e. Highly Qualified Experts	-	-	-	-					-	-	-	-	-	-	-	-
R1f. Other	-	-	-	-					-	-	-	-	-	-	-	-
R2. Direct Hire Program Foreign Nationals (DHFN)	-	-	-	-					-	-	-	-	-	-	-	-
R3. Total Direct Hire	4,007	4,591	4,591	565,802	-	-	-	-	565,802	-	565,802	\$123,242	\$123,242	\$123,242	0.0%	0.0%
R4. Indirect Hire Foreign Nationals (IHFN)	-	-	-	-					-	-	-	-	-	-	-	-
Subtotal - Reimbursable Funded (excludes OC 13)	4,007	4,591	4,591	565,802	-	-	-	-	565,802	-	565,802	\$123,242	\$123,242	\$123,242	0.0%	0.0%
R5. Other Object Class 13 Benefits																
R5a. USDH - Benefits for Former Employees																
R5b. DHFN - Benefits for Former Employees																
R5c. Voluntary Separation Incentive Pay (VSIP)																
R5d. Foreign National Separation Liability Accrual																
Total Personnel (includes OC 13)	23,934	24,540	24,540	2,933,696	0	0	0	0	2,933,696	723,652	3,657,348	\$119,548	\$119,548	\$149,036	0.0%	24.7%
T1. US Direct Hire (USDH)	23,932	24,538	24,538	2,933,364	-	-	-	-	2,933,364	723,652	3,657,016	\$119,544	\$119,544	\$149,035	0.0%	24.7%
T1a. Senior Executive Schedule	75	75	75	13,500	0	0	0	0	13,500	4,860	18,360	\$180,000	\$180,000	\$244,800	0.0%	36.0%
T1b. General Schedule	20,601	21,207	21,207	2,672,408	0	0	0	0	2,672,408	629,708	3,302,116	\$126,015	\$126,015	\$153,709	0.0%	23.6%
T1c. Special Schedule	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T1d. Wage System	3,256	3,256	3,256	247,456	0	0	0	0	247,456	89,084	336,540	\$76,000	\$76,000	\$103,360	0.0%	36.0%
T1e. Highly Qualified Experts	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T1f. Other	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T2. Direct Hire Program Foreign Nationals (DHFN)	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
T3. Total Direct Hire	23,932	24,538	24,538	2,933,364	-	-	-	-	2,933,364	723,652	3,657,016	\$119,544	\$119,544	\$149,035	0.0%	24.7%
T4. Indirect Hire Foreign Nationals (IHFN)	2	2	2	332	0	0	0	0	332	332	332	\$166,000	\$166,000	\$166,000	0.0%	0.0%
Subtotal - Total Funded (excludes OC 13)	23,934	24,540	24,540	2,933,696	-	-	-	-	2,933,696	723,652	3,657,348	\$119,548	\$119,548	\$149,036	0.0%	24.7%
T5. Other Object Class 13 Benefits																
T5a. USDH - Benefits for Former Employees																
T5b. DHFN - Benefits for Former Employees																
T5c. Voluntary Separation Incentive Pay (VSIP)																
T5d. Foreign National Separation Liability Accrual																

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Department of the Air Force TOTAL CIVILIAN PERSONNEL COSTS OP-8B: OP-8 (PB) FY 2026 President's Budget Submission (FY 2026)															
	(\$ in Thousands)											d/c	i/c	Rates	j/d
	a	b	c	d	e	f	g	e + f + g	d + h	i	i + j	d/c	i/c	k/c	j/d
	Begin	End	FTEs	Basic	Overtime	Holiday	Other	Total	Comp	Benefits	Comp	Basic	Total	Comp	% BC
	Strength	Strength		Comp	Pay	Pay	O.C.11	Variables	O.C.11	O.C.12/13	& Benefits	Comp	Comp	& Benefits	% BC
Direct Funded Personnel (includes OC 13)	19,949	17,503	17,503	2,272,636	0	0	0	0	2,272,636	775,242	3,047,878	\$129,843	\$129,843	\$174,135	0.0%
D1. US Direct Hire (USDH)	19,947	17,501	17,501	2,272,297	-	-	-	-	2,272,297	775,242	3,047,539	\$129,838	\$129,838	\$174,135	0.0%
D1a. Senior Executive Schedule	75	75	75	18,750	-	-	-	-	18,750	4,588	23,338	\$250,000	\$250,000	\$311,173	0.0%
D1b. General Schedule	16,616	14,437	14,437	1,973,531	-	-	-	-	1,973,531	678,894	2,652,425	\$136,700	\$136,700	\$183,724	0.0%
D1c. Special Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D1d. Wage System	3,256	2,989	2,989	280,016	-	-	-	-	280,016	91,760	371,776	\$93,682	\$93,682	\$124,381	0.0%
D1e. Highly Qualified Experts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D1f. Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D2. Direct Hire Program Foreign Nationals (DHFN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3. Total Direct Hire	19,947	17,501	17,501	2,272,297	-	-	-	-	2,272,297	775,242	3,047,539	\$129,838	\$129,838	\$174,135	0.0%
D4. Indirect Hire Foreign Nationals (IHFN)	2	2	2	339	-	-	-	-	339	-	339	\$169,500	\$169,500	\$169,500	0.0%
Subtotal - Direct Funded (excludes OC 13)	19,949	17,503	17,503	2,272,636	-	-	-	-	2,272,636	775,242	3,047,878	\$129,843	\$129,843	\$174,135	0.0%
D5. Other Object Class 13 Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5a. USDH - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5b. DHFN - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5c. Voluntary Separation Incentive Pay (VSIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D5d. Foreign National Separation Liability Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reimbursable Funded Personnel (includes OC 13)	4,591	5,082	5,082	577,439	0	0	0	0	577,439	0	577,439	\$113,624	\$113,624	\$113,624	0.0%
R1. US Direct Hire (USDH)	4,591	5,082	5,082	577,439	-	-	-	-	577,439	-	577,439	\$113,624	\$113,624	\$113,624	0.0%
R1a. Senior Executive Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1b. General Schedule	4,591	5,082	5,067	576,089	-	-	-	-	576,089	-	576,089	\$113,694	\$113,694	\$113,694	0.0%
R1c. Special Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1d. Wage System	-	-	15	1,350	-	-	-	-	1,350	-	1,350	\$90,000	\$90,000	\$90,000	0.0%
R1e. Highly Qualified Experts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R1f. Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R2. Direct Hire Program Foreign Nationals (DHFN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R3. Total Direct Hire	4,591	5,082	5,082	577,439	-	-	-	-	577,439	-	577,439	\$113,624	\$113,624	\$113,624	0.0%
R4. Indirect Hire Foreign Nationals (IHFN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Reimbursable Funded (excludes OC 13)	4,591	5,082	5,082	577,439	-	-	-	-	577,439	-	577,439	\$113,624	\$113,624	\$113,624	0.0%
R5. Other Object Class 13 Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5a. USDH - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5b. DHFN - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5c. Voluntary Separation Incentive Pay (VSIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R5d. Foreign National Separation Liability Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Personnel (includes OC 13)	24,540	22,585	22,585	2,850,075	0	0	0	0	2,850,075	775,242	3,625,317	\$126,193	\$126,193	\$160,519	0.0%
T1. US Direct Hire (USDH)	24,538	22,583	22,583	2,849,736	-	-	-	-	2,849,736	775,242	3,624,978	\$126,189	\$126,189	\$160,518	0.0%
T1a. Senior Executive Schedule	75	75	75	18,750	0	0	0	0	18,750	4,588	23,338	\$250,000	\$250,000	\$311,173	0.0%
T1b. General Schedule	21,207	19,519	19,504	2,549,620	0	0	0	0	2,549,620	678,894	3,228,514	\$130,723	\$130,723	\$165,531	0.0%
T1c. Special Schedule	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
T1d. Wage System	3,256	2,989	3,004	281,366	0	0	0	0	281,366	91,760	373,126	\$93,664	\$93,664	\$124,210	0.0%
T1e. Highly Qualified Experts	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
T1f. Other	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
T2. Direct Hire Program Foreign Nationals (DHFN)	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
T3. Total Direct Hire	24,538	22,583	22,583	2,849,736	-	-	-	-	2,849,736	775,242	3,624,978	\$126,189	\$126,189	\$160,518	0.0%
T4. Indirect Hire Foreign Nationals (IHFN)	2	2	2	339	0	0	0	0	339	0	339	\$169,500	\$169,500	\$169,500	0.0%
Subtotal - Total Funded (excludes OC 13)	24,540	22,585	22,585	2,850,075	-	-	-	-	2,850,075	775,242	3,625,317	\$126,193	\$126,193	\$160,519	0.0%
T5. Other Object Class 13 Benefits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5a. USDH - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5b. DHFN - Benefits for Former Employees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5c. Voluntary Separation Incentive Pay (VSIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T5d. Foreign National Separation Liability Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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ACRONYMS

GENERAL ACRONYMS

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

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

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

BASE / ORGANIZATIONAL ACRONYMS

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

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

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CONTRACT METHOD / TYPE ACRONYMS

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

CONTRACTED BY ACRONYMS

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

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

IDENTIFICATION CODES

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

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0207412F <i>I Control and Reporting Center (CRC)</i>							
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	0.000	17.074	16.856	17.569	0.000	17.569	-	-	-	-	-	-
67485L: <i>CRC Modernization</i>	0.000	17.074	16.856	17.569	0.000	17.569	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The AN/TSY-7 Control and Reporting Center (CRC) is a mobile, ground-based battle management command and control (BMC2) theater air control system (TACS). It is a modular, transportable, and persistent tactical level weapon system which provides direct command and control to air assets in an assigned Area of Responsibility (AOR) and reports back to the Joint Force Air Component Commander (JFACC). The CRC is composed of the following subsystems: AN/TYQ-23A(V)1 Tactical Air Operations Module (TAOM), the AN/TSC-250 Communication Data Link System (CDLS), the AN/TRC-213/214 Remote Radio Secure Voice System (RRSVS), the AN/TPS-75 organic sensor, and associated mission support equipment.

CRC Modernization under this program element (PE) consolidates previous upgrade efforts into a coordinated initiative focused on upgrading of BMC2, sensors, and communications. This CRC modernization investment integrates the Distributable Battle Management Node (DBMN) and Common Battle Management Command and Control (CBC2+) to allow the fielding of the Tactical Operations Center-Light (TOC-L) capability into CRCs and provide an upgraded, more modular, and threat relevant tactical command and control.

In FY2026, CRC Modernization efforts include, but are not limited to: integration of long-haul SATCOM capability, modernization studies for power, fuel storage, and tactical sensing capabilities, continued architectural upgrades and testing to the AN/TYQ-23A(V)1 Tactical Air Operations Module, Integration of the Cloud Based Command and Control (CBC2+), and modernization of the CRC System Integration Lab (SIL). Additionally, CRC modifications include keeping the system in compliance with DoD directives, changes in the underlying IT/Cyber Security environment, and any other emerging requirements to remain inter-operable, certified, supportable, and compliant through the development, integration, testing, training, and fielding of equipment related to new CRC capabilities.

Efforts within this PE align with USAF investment in ABMS (0604003F) and Air Base Air Defense Systems (0207522F) to deliver a common hardware and software baseline for DAF BATTLE NETWORK deployable systems.

Reduces contracts 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.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024, 2.100 million was expended for civilian pay expenses, and in FY2025 2.284 million is forecasted for civilian pay expenses in this program element.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207412F I Control and Reporting Center (CRC)				
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		17.498	18.473	18.398	0.000	18.398
Current President's Budget		17.074	16.856	17.569	0.000	17.569
Total Adjustments		-0.424	-1.617	-0.829	0.000	-0.829
• Congressional General Reductions		0.000	-1.617			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.424	0.000			
• Other Adjustments		0.000	0.000	-0.829	0.000	-0.829
Change Summary Explanation						
FY 2024 reduction of \$0.424 million due to SBIR.						
FY 2025 reduction due to 12-Month CR.						
FY 2026 reduction due to inflation.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: CRC Modernization				17.074	16.856	17.569
Description: - CRC Modernization under this program element (PE) consolidates previous upgrade efforts into a coordinated initiative focused on upgrading of BMC2, sensors, and communications to allow the fielding of the Tactical Operations Center-Light (TOC-L) capability into CRCs and provide an upgraded, more modular, and threat relevant tactical command and control.						
- CRC Modernization efforts include, but are not limited to: integration of long-haul SATCOM capability, modernization studies for power, fuel storage, and tactical sensing capabilities, continued architectural upgrades and testing to the AN/TYQ-23A(V)1 Tactical Air Operations Module, Integration of the Cloud Based Command and Control (CBC2+), and modernization of the CRC System Integration Lab (SIL).						
FY 2025 Plans:						
- Continue Remote Radio Secure Voice System Major Release 2 (RRSVS MR2) architecture development						
- Continue Modernization Studies						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207412F I Control and Reporting Center (CRC)							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
- Begin interoperability and integration efforts with TOC-L - Begin modernization of the CRC Integration Support Facility (ISF) in preparation for future system integration and modernization efforts FY 2026 Plans: - Integrate Long-haul SATCOM capabilities - Continue interoperability efforts with TOC-L - Conduct Modernization studies - Continue modernization of the CRC Integration Support Facility (ISF) FY 2025 to FY 2026 Increase/Decrease Statement: Program funding increased from FY 2025 to FY 2026 due to continued integration of SATCOM capabilities and expanded interoperability efforts with TOC-L, within the ABMS PE 0604003F.												
Accomplishments/Planned Programs Subtotals										17.074	16.856	17.569
D. 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	
• OPAF 03 833040: Theater Air Control Sys Improvemen	0.000	73.412	60.894	-	60.894	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
- The CRC Capability Roadmap provides for the modernization of the CRC subsystems and will be programmed into phased updates through 2037 to further advance current and future battlespace awareness and tactical battle management command and control capabilities. A variety of contract and organic vehicles will be used depending on type of effort and skills required. The Milestone Decision Authority is the Air Force Program Executive Office for command, control, communications and battle management (AFPEO C3BM) and the Air Force Life Cycle Management Center (AFLCMC) is the Contracting Authority.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207412F / Control and Reporting Center (CRC)				Project (Number/Name) 67485L / CRC Modernization					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CRC Modernization	Various	Multiple : Multiple	-	-		1.687	May 2025	6.786	Apr 2026	-		6.786	-	-	-
System Integration Lab (SIL)	PO	520 SWEG : Hill AFB, UT	-	1.947	Mar 2024	1.508	Apr 2025	3.100	Mar 2026	-		3.100	-	-	-
RRSVS Major Release 2 (MR 2) Architectural Upgrade	MIPR	NAWC : Patuxent River, MD	-	4.100	Feb 2024	3.900	Mar 2025	-		-		-	-	-	-
Link 22 Integration	C/FFP	TBD : TBD	-	-		1.596	May 2025	-		-		-	-	-	-
TOC-L Major Release 1 (MR1) Integration Kit	PO	TBD : TBD	-	0.872	Aug 2024	-		-		-		-	-	-	-
MUOS Simulator (Test/ Lab)	Reqn	TBD : TBD	-	1.777	Aug 2024	-		-		-		-	-	-	-
Subtotal			-	8.696		8.691		9.886		-		9.886	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CRC Modernization Direct Cite Authority - Additional 12 Civilian Positions	RO	Various : Hill AFB, UT	-	2.100	Oct 2023	2.284	Oct 2024	2.332	Oct 2025	-		2.332	-	-	-
Cyber Support	MIPR	Not specified. : TBD	-	-		0.100	May 2025	0.100	May 2026	-		0.100	-	-	-
Subtotal			-	2.100		2.384		2.432		-		2.432	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CRC Modernization Test Support	Various	Various : Various	-	0.637	May 2024	0.671	May 2025	1.200	May 2026	-		1.200	-	-	-
Subtotal			-	0.637		0.671		1.200		-		1.200	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207412F / Control and Reporting Center (CRC)						Project (Number/Name) 67485L / CRC Modernization			
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Booz Allen Hamilton	C/FP	Not specified. : TBD	-	1.506	Jan 2024	2.793	Aug 2025	1.500	Aug 2026	-		1.500	-	-	-
PMA	Various	Not specified. : TBD	-	0.524	May 2024	0.100	Dec 2024	0.351	Dec 2025	-		0.351	-	-	-
Odyssey	C/FP	Not specified. : TBD	-	3.611	Mar 2024	2.217	Jul 2025	2.200	Jul 2026	-		2.200	-	-	-
Subtotal			-	5.641		5.110		4.051		-		4.051	-	-	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			-	17.074		16.856		17.569		-		17.569	-	-	N/A
Remarks - With the transition of the CRC program into the Program Executive Office Command Control Communications and Battle Management (PEO C3BM), Remote Radio Secure Voice System (RRSVS) Architectural Upgrade was renamed "RRSVS Major Release 2 (MR2) Architectural Upgrade" in FY26 to use common nomenclature within the PEO. - CRC organic software development was consolidated into the Systems Integration Lab (SIL) effort.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force											Date: June 2025				
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207412F / Control and Reporting Center (CRC)						Project (Number/Name) 67485L / CRC Modernization			

	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
CRC Modernization																												
Design, Development, Integration, and Test																												
RRSVS Architectural Upgrade																												
Design, Development, Integration, and Test																												
MUOS Simulator (Test/Lab)																												
Design, Development, Integration, and Test																												
Link-22																												
Design, Development, Integration, and Test																												
System Integration Lab																												
Design, Development, Integration, and Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207412F / Control and Reporting Center (CRC)	Project (Number/Name) 67485L / CRC Modernization	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CRC Modernization				
Design, Development, Integration, and Test	1	2024	4	2030
RRSVS Architectural Upgrade				
Design, Development, Integration, and Test	2	2024	2	2028
MUOS Simulator (Test/Lab)				
Design, Development, Integration, and Test	2	2024	2	2025
Link-22				
Design, Development, Integration, and Test	2	2025	4	2026
System Integration Lab				
Design, Development, Integration, and Test	2	2026	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207418F I AFSPECWAR - TACP							
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	0.000	1.622	1.433	0.000	0.000	0.000	-	-	-	-	-	-
675234: TACP Support	0.000	1.622	1.433	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

a. The Joint Terminal Control Training and Rehearsal (JTC TRS) Program, under the Tactical Airborne Control System, funds development necessary to provide a Distributed Mission Operations (DMO) capable, high-fidelity simulator for Special Warfare airmen, to include Tactical Air Control Party (TACP), Special Tactics Combat Control Team (CCT), Joint Terminal Attack Controller (JTAC) operations and Air Support Operations Center (ASOC) operations.

JTC TRS is essential to provide initial training, mission qualification training, continuation training, and currency control requirements to JTACs and Special Tactics personnel. JTAC control training requirements exceed the ability of live-fly aircraft to meet, and JTC TRS is the only capability enabling JTACs to achieve and maintain minimum required training for both qualification and proficiency in accordance with the U.S and Partner Nation Memorandum of Agreement for JTAC certification and qualification.

The JTC TRS Program provides research and development to facilitate interoperability with joint and sister Service air-ground simulation using industry standards. JTC TRS will provide the capability to network aircrew full mission trainers and training centers in a live-virtual-constructive network. This development effort will also integrate ASOCs with the Joint Theater Air Ground Simulation System (JTAGSS) trainer for Joint Fires integration. The simulator will supplement live field training and live-fly sorties to provide realistic introductory, proficiency, currency, and upgrade training in a simulated battlefield, disaster, or humanitarian relief environment.

b. JTAGSS is a continuation of the ASOC simulation trainer initially funded in 2009 and complements the JTC TRS trainer by providing a total air-ground constructive simulation environment for integrated networked training and mission rehearsal capability that will develop TACP/CCT/JTAC and ASOC/Special Operations Forces (SOF) Command and Control (C2) battle staff skills. JTAGSS will provide the ASOC, SOF, and TACP with the vertical and horizontal C2 communications and coordination training and mission rehearsal required for mission effectiveness. There are insufficient exercises and live training events available to meet mandated readiness requirements. The system will include a secure network connection, a constructive simulation environment generator with sharable databases, computer workstations that have synthetic reflex agent applications for each ASOC/SOF crew position to execute the Air Tasking Order.

Funds may be used to address emerging and short notice Diminishing Manufacturing Sources and Material Shortage (DMSMS) issues. DMS efforts to include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards initiative.

FY26 funding (\$4.108M) for BA 07 Project 0207418F was transferred to BA 07 Project 0207457F.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207418F I AFSPECWAR - TACP				
This program element may include necessary civilian pay expenses required to manage, execute, and deliver JTC TRS capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0.00M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.00M is forecasted for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		2.106	2.206	4.336	0.000	4.336
Current President's Budget		1.622	1.433	0.000	0.000	0.000
Total Adjustments		-0.484	-0.773	-4.336	0.000	-4.336
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		-0.406	-0.773			
• SBIR/STTR Transfer		-0.078	0.000			
• Other Adjustments		0.000	0.000	-4.336	0.000	-4.336
Change Summary Explanation						
FY 2024 decreased by \$484K to support higher Air Force priorities.						
FY2026 funding (\$4.108M) for BA 07 Project 0207418F was transferred to BA 07 Project 0207457F.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: JTC TRS Trainer Development				1.622	1.433	0.000
Description: Development and test of Engineering Change Proposals for Tactical Air Control Party (TACP)-Close Air Support System (CASS).						
FY 2025 Plans:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207418F / AFSPECWAR - TACP		

C. Accomplishments/Planned Programs (\$ in Millions) Development and test of Project Jericho Joint Terminal Control Training and Rehearsal System (JTC TRS) Modernizations and continued development of Digitally Aided Close Air Support (CAS) Engineering Change Proposal (ECP) for JTC TRS and Joint Theater Air-Ground Simulator System (JTAGSS) Devices FY 2026 Plans: Development and test of Project Jericho Joint Terminal Control Training and Rehearsal System (JTC TRS) Modernizations, development and test of an AI-based Random Asset Manager/Role Player capability for JTC TRS and Joint Theater Air-Ground Simulator System (JTAGSS) Devices, and development, test, and integration of Joint Air Ground Integration Center (JAGIC) Command and Control capabilities into JTAGSS Devices FY 2025 to FY 2026 Increase/Decrease Statement: FY 2026 increased from FY 2025 by 2.129M to support the development and integration efforts of Joint Air Ground Integration Center Command and Control (JAGIC) into JTAGSS Devices, and development and test of an AI based Random Asset Manager/ Role Player capability for JTC TRS and JTAGSS devices.	FY 2024	FY 2025	FY 2026
Accomplishments/Planned Programs Subtotals	1.622	1.433	0.000

D. Other Program Funding Summary (\$ in Millions)											
	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u> <u>Base</u>	<u>FY 2026</u> <u>OOO</u>	<u>FY 2026</u> <u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF 03 Line Item 837100: <i>Tactical C-E Equipment</i>	3.155	3.620	3.704	-	3.704	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy The Joint Terminal Control Training and Rehearsal System (JTC TRS) acquisition has provided full capability as defined in the Capability Production Document (CPD). A Full and Open competitive source selection was conducted and resulted in the award of a single contract to produce and sustain the JTC TRS family of systems. The contract includes pre-priced production options for additional JTC TRS production, Emulated Military Equipment (EME) program management, cybersecurity support, Contractor Logistic Support (CLS), Training System Support Center (TSSC) for both JTC TRS, and JTAGSS devices, training, and device relocation. The contract structure allows for maintaining concurrency, fidelity and connectivity; implementing system improvements/technical refresh; and other modifications as required. JTC TRS awarded the competitive contract in June 2021. b. The acquisition strategy for the JTAGSS trainer will be to field advance technology demonstration units to continue to perform proof of concept and technology validation of mission simulations for all Air Support Operations Center (ASOC) crew positions including detailed communications planning, asset deconfliction, integration of joint fires, and other critical mission areas required for integrated Tactical Air Control Party/Air Support Operations Center (TACP/ASOC) Command and											

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207418F / AFSPECWAR - TACP	
Control (C2) mission success. At the completion of the technology validation, a contract will be competitively awarded to complete JTAGSS development, deployment and integration. Current software is Government or Commercial Off-the-Shelf technologies (GOTS/COTS) allowing almost any training technology development company to compete, which lowers technical risk, schedule risk, and cost.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207418F / AFSPECWAR - TACP						Project (Number/Name) 675234 / TACP Support			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
JTC TRS Trainer Development	C/FFP	AFLCMC/WNS, AFMC : Wright Patterson AFB, OH	-	1.472	Jun 2024	1.283	Mar 2025	0.000	Mar 2026	-		0.000	-	-	-
Subtotal			-	1.472		1.283		0.000		-		0.000	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Services	Various	AFLCMC/WNS, AFMC : Wright Patterson AFB, OH	-	0.150	Feb 2024	0.150	Feb 2025	0.000	Mar 2026	-		0.000	-	-	-
Subtotal			-	0.150		0.150		0.000		-		0.000	-	-	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			-	1.622		1.433		0.000		-		0.000	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0207418F / AFSPECWAR - TACP					675234 / TACP Support			

	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
JTC TRS Trainer Development																												
Develop and Test TACP Engineering Change Proposals																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207418F / AFSPECWAR - TACP	Project (Number/Name) 675234 / TACP Support

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JTC TRS Trainer Development				
Develop and Test TACP Engineering Change Proposals	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207431F <i>I Combat Air Intelligence System Activities</i>

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	0.000	75.883	25.049	33.601	0.000	33.601	-	-	-	-	-	-
675307: <i>TARGETING ENTERPRISE RESEARCH</i>	0.000	40.029	24.205	32.739	0.000	32.739	-	-	-	-	-	-
675309: <i>GEO Info & Serv Software</i>	0.000	35.854	0.844	0.862	0.000	0.862	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The mission of Combat Air Intelligence Systems (CAIS) is to process, analyze, and disseminate intelligence for air component and unit operations worldwide by providing key intelligence infrastructure and production capabilities for the supported and supporting forces with true backbone type of intelligence support for air operations and air support to joint operations. CAIS is focused on providing the intelligence infrastructure and funding to Air Force Major Commands, Intelligence, Cyber and Space Squadrons, Field Operating Agencies, and subordinate units.

Modernizations are required for the CAIS enterprise capabilities, inside and outside AOCs to keep pace with evolving Government Off the Shelf (GOTS) components, integrated Commercial Off the Shelf (COTS) components, Department of Defense (DoD) directives, and changes in the underlying Information Technology (IT) environment, as well as to deliver effective operational capabilities for the user. In Summer of FY20, the decision was made to transition from Middle Tier Acquisition (MTA), Sec 804 Rapid Prototyping/Fielding to the new NDAA FY20 - Software Acquisition Pathway, which is the preferred path for acquisition and development of software-intensive systems. In October 2021, Kessel Run Air Domain was authorized by the Service Acquisition Executive to enter the Software Acquisition Pathway in the Execution Phase.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Targeting and Geospatial Intelligence weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 58.706M (FY2024) was expended for civilian pay expenses in this program element, and in CY (FY2025) 48.512M is forecasted for civilian pay expenses in this program element.

Kessel Run is part of the overarching 27431F portfolio.

Additional CAIS funding associated with BA04 PE 24731F BPAC 640141. The Air Force requested to Congress a transfer of the remaining FY25 funds (18.733M) to its actual PE AF ISR DI (33010F).

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207431F I Combat Air Intelligence System Activities			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	72.010	46.702	50.391	0.000	50.391
Current President's Budget	75.883	25.049	33.601	0.000	33.601
Total Adjustments	3.873	-21.653	-16.790	0.000	-16.790
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-12.208			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	-9.445			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	3.873	0.000	-16.790	0.000	-16.790
Change Summary Explanation					
FY25 Mark and Transfers					
9.445M was a requested transfer for AF JWICS Enterprise from CAIS to the new AF JWICS Enterprise PE (35249F). BPAC 675307					
4.858M was marked for JTIM insufficient justification. BPAC 675307					
7.35M was marked for program carryover. BPAC 675307					
BA04 PE 24731F BPAC 640141 funds were transferred \$18.733M to PE AF ISR DI (33010F). BA04 funding is no longer associated with the CAIS PE.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH			
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
675307: TARGETING ENTERPRISE RESEARCH	0.000	40.029	24.205	32.739	0.000	32.739	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Provides support to personnel utilizing Target Development, Planning, and Execution applications; Unit Level Intelligence; Tactical Intelligence Applications; shorten the kill chain through automation and direct support to national, combatant command, and Air Force intelligence missions.

Funds enhanced dynamic F2T2EA sensor-to-shooter intel and advanced training on cloud-based apps to shorten LRKC with automated and AI-enabled Sensing Grid/targeting tools and applications. Analyzes, visualizes, and shares National, Tactical, and open source Intel to close the capability gap against adversary's truncated kill chains.

IC-ITE - IC-ITE mission is enabling greater integration, information sharing, and safeguarding with the Intelligence Community (IC) by adopting IC standards, data, and technology frameworks, and using systems of common concerns for unmatched decision advantage.

This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver Targeting Intelligence for emergent or unanticipated weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024, 1.511M was expended for civilian pay expenses in this program element, and in FY 2025, 1.750M is forecasted for civilian pay expenses in this program element."

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: NASIC Capability Analysis	12.000	0.000	0.000	0.000	0.000
Description: Provides funds for the enhancement of existing weapon systems in direct support of countering Stratospheric platforms, to include High Altitude Balloons. NASIC will expand analysis and exploitation related to the technical characteristics, signatures, employment, vulnerabilities, performance, and proliferation of current and future unmanned airborne ISR platforms and their associated subsystems and support equipment.					
FY 2025 Plans: These funds were only provided in FY24. No FY25, or beyond, funding was provided for this effort.					
FY 2026 Base Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities		Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
These funds were only provided in FY24. No FY25, or beyond, funding was provided for this effort.						
FY 2026 OOC Plans: This was single year funding so plans for FY26.						
FY 2025 to FY 2026 Increase/Decrease Statement: No funding increase or decrease occurred between FY25 and FY26						
Title: ACC Joint Targeting Intelligence Modernization/Joint Targeting Toolbox (JTT) Description: JTIM provides funding for the development of Joint Targeting Toolbox-Capabilities Package (JTT-CP) and WARPATH tools. JTT is the current capability providing the joint targeting community Intermediate Target Development (ITD), Advanced Target Development (ATD), Target List Management (TLM), and Target Folder Development capabilities. It also supports premise installation on coalition networks and Foreign Military Sales (FMS). The JTT program provides the current (legacy) functions until the integrated JTIM capabilities are fielded. Target List Management and Enterprise Workflow were shifted from the JTT program to WARPATH to keep pace with the JTIM Integrated Master Schedule (IMS). Funding for WARPATH comes from the original JTT budget, which is managed at ACC. Full funding will allow both programs to field capabilities in FY25, then in FY26 they will merge into one enterprise program providing capabilities to the Joint Targeting Community. FY 2025 Plans: Development and integration of WARPATH Target List Management capability was accomplished but due to a previous programming error JTIM funds were moved in a FY25 technical correction moving this TOA to the AF JWICS Enterprise PE (35249F). FY 2026 Base Plans: Continued development of JTTv6 as well as WARPATH Target List Management capability. Theses funds may or my not be coming back to CAIS in FY26 after wrongfully being moved to the AF JWICS Enterprise PE (35249F). If they are not moved back in FY26 there will be a ZB submitted in FY27 to reprogram these funds back to its correct BPAC (675307) and PE (CAIS 27431F). FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement:		11.763	0.000	3.035	0.000	3.035

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities		Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Funding increases due to a FY25 mark that reduced JTIM funding for insufficient justification and a requested transfer of funds from CAIS to JWICS that inadvertently included JTIM funding.						
Title: ACC Kill Chain Automation Description: Conducts limited early R&D for tools and workflow, initial cloud and data structure architecture, initial implementation of Sensor-to-shooter concept to accelerate kill chain for at scale dynamic execution, TTP development for targeting in an agile combat environment in the "lead wing concept", and enhanced target mensuration development to improve speed and capacity for target location. Funds dynamic F2T2EA S2S intelligence and advanced training on cloud-based application to shorten LRKC with automated/AI-enabled sensing-grid and targeting/applications. Analyzes, visualizes, and shares national, tactical, and open source intelligence to close the capability gap against adversary's truncated kill-chains. FY 2025 Plans: Continue Kill Chain automation support to enhance Find, Fix, Track. Target, Engage, assess sensor-to-shooter intelligence and training on applications to shorten long range kill chains. Provides funds for the enhancement of existing weapon systems in direct support of countering Stratospheric platforms, to include High Altitude Balloons. Expansion of analysis and exploitation related to the technical characteristics, signatures, employment, vulnerabilities, performance, and proliferation of current and future unmanned airborne ISR platforms and their associated subsystems and support equipment. FY 2026 Base Plans: Continue Kill Chain automation support to enhance Find, Fix, Track. Target, Engage, assess sensor-to-shooter intelligence and training on applications to shorten and automate long range kill chains. Provides funds for the enhancement of existing weapon systems in direct support of countering Stratospheric platforms, to include High Altitude Balloons. Expansion of AI/ML capabilities for analysis and exploitation related to the technical characteristics, signatures, employment, vulnerabilities, performance, and proliferation of current and future unmanned airborne ISR platforms and their associated subsystems and support equipment. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increases due to a FY25 mark that reduced Kill chain funding due to program carryover.		0.000	17.746	24.126	0.000	24.126
Title: ACC IC-ITE funding		3.383	0.000	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities		Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH			
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: IC-ITE provides funding for expert contract support in the development and delivery of critical data capabilities that enable seamless interoperability across operational units. Leads the design, development, testing, and implementation of cutting-edge technology solutions tailored to support mission effectiveness. It drives the creation and integration of new processes in Data engineering, Ontologies, Semantics, Taxonomies, and Data Architecture to support Model-Based Systems Engineering (MBSE). These efforts ensure data interoperability across key mission domains—Intelligence, Surveillance, and Reconnaissance (ISR); Command and Control (C2); and Fires—as well as with joint and allied DoD mission partners. It also spearheads the establishment of a robust Data Governance framework to treat data as a vital enterprise asset. This includes delivering agile Automation, Augmentation, and Artificial Intelligence (AAA) capabilities to airmen, particularly those underserved by traditional System Program Offices (SPOs), in alignment with ACC's warfighting and mission-enabling priorities. FY 2025 Plans: A Technical correction moved IC-ITE funds from CAIS to the AF JWICS Enterprise PEC (35249F). IC-ITE accomplishments are available in the new PE. FY 2026 Base Plans: IC-ITE funds are reprogrammed to the AF JWICS Enterprise PE (35249F) in FY26 and beyond. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: This decrease is due to the reprogramming of IC-ITE funds to the new AF JWICS Enterprise PE (35249F) in FY26.							
Title: Kessel Run Targeting Research, Modernization, and SoftWare Pathways Description: Conduct Targeting Enterprise research and advancement for projects such as Joint Targeting Toolbox (JTT) [In both the Global Command and Control System Joint (GCCS-J) and Stand-alone configurations-JTT-Capability Package (JTT-CP) and JTT codebase re-architecture] and the Unit Level Intelligence (ULI) systems Toolbox for Intelligence Targeting Analysis (TITAN) and Targeting Application Workstation (TAW).) This budget item also funds emerging targeting capabilities such as Target System Analysis and Targeting Enterprise software application modernization efforts. Provides support to personnel using Geospatial resources utilized in Geospatial Intelligence (GEOINT) databasing applications, technology			12.883	5.457	5.578	-	5.578

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities		Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
exploration and refresh initiatives, geospatial imagery data management and dissemination architecture, geospatial information and services modernization, and enablers for intel and targeting capabilities. Provides support to the MAJCOMs to ensure requisite and available target intelligence and GEOINT tools for information directly available to warfighters.						
FY 2025 Plans: Continue the phased modernization of JTT capabilities within the T&G portfolio, expand test automation, and migrate for a true Continuous Integration/DevOps environment to support continuous delivery to the warfighter.						
FY 2026 Base Plans: Continue the phased modernization of JTT capabilities within the T&G portfolio, expand test automation, and migrate for a true Continuous Integration/DevOps environment to support continuous delivery to the warfighter.						
FY 2025 to FY 2026 Increase/Decrease Statement: Contract rate adjustments and inflationary increase						
Title: AF ISR Digital Infrastructure (DI)		0.000	1.002	0.000	0.000	0.000
Description: SCI Cloud services -Leveraging IC-governed commercial cloud enterprise capability, provides a common and robust foundation for agile ISR and C2 operations requiring SCI data, across the globe. Invests in engineering, security and architectural expertise to provide a fully managed, redundant and secure development, security and operations environment to rapidly develop and deploy mission applications. Provides identity access management, security and secure commercial cloud services, as well as customer service and support to tenants, who fund their use.						
FY 2025 Plans: MIT Lincoln Laboratory will support creating a conceptual model of the ISR roles and a Model-Based Systems Engineering (MBSE) model of the ISR roles and systems for the DAF ISR Enterprise Architecture.						
FY 2026 Base Plans: There is no AF ISR DI Infrastructure plan for FY26 in this PE.						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207431F / <i>Combat Air Intelligence System Activities</i>		Project (Number/Name) 675307 / <i>TARGETING ENTERPRISE RESEARCH</i>	

B. Accomplishments/Planned Programs (\$ in Millions)					
	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
The decrease in funding is due to the IS DI Funds moving to its new PE AF ISR Digital Infrastructure (33010F)					
Accomplishments/Planned Programs Subtotals	40.029	24.205	32.739	0.000	32.739

C. Other Program Funding Summary (\$ in Millions)											
	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF 03 Line Item 832070: <i>Intelligence Comm Equipment</i>	17.742	12.066	6.848	0.000	6.848	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
The acquisition strategy builds on agile software engineering methodologies and modernization of existing capabilities utilizing evolutionary acquisition. Using Section 804, timelines are reduced by modularizing both software engineering solutions and the associated contracting and funding strategies. This enables dynamic resource allocation based on current warfighter needs. In Summer of FY20, the decision was made to transition from MTA, Sec 804 Rapid Prototyping/Fielding to the new NDAA FY20 - Software Acquisition Pathway, which is the preferred path for acquisition and development of software-intensive systems. In October 2021, Kessel Run Air Domain was authorized by the Service Acquisition Executive to enter the Software Acquisition Pathway in the Execution Phase. This program is part of the overarching Kessel Run portfolio and is dependent on the All Domain Common Platform (ADCP). The ADCP provides an extensible cloud-based Infrastructure and Platform as a Service (IaaS/PaaS) hosting platform built to deliver highly resilient mission applications and data to Airmen deployed around the world.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ACC Kill Chain Automation	TBD	ACC : TBD	-	0.000	Jan 2024	17.746	Jan 2025	24.126	Jan 2026	0.000		24.126	-	-	-
Joint Targeting Intelligence Modernization (JTIM)/Joint Targeting Toolbox (JTT)	TBD	ACC : TBD	-	11.763		0.000	Oct 2025	3.035		0.000		3.035	-	-	-
JTT	SS/CPFF	BAE Systems : Rockville, MD	-	3.570	Jun 2024	-		0.000		0.000		0.000	-	-	-
Software Development (Legacy/ENDOR)	C/T&M	Various : Boston, MA	-	2.789	Dec 2023	2.315	Dec 2024	2.396	Dec 2025	0.000		2.396	-	-	-
Software Development (Other Direct Support)	MIPR	NIWC Pacific : San Diego, CA	-	1.178	Dec 2023	-		0.000		0.000		0.000	-	-	-
Subtotal			-	19.300		20.061		29.557		0.000		29.557	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Civilian Direct Cite Authority	Reqn	AFLCMC : WPAFB, OH	-	2.569	Oct 2023	1.614	Oct 2024	1.881	Oct 2025	0.000		1.881	-	-	-
Federally Funded Research & Development Center (FFRDC) Engineers	C/CPFF	MITRE : Hanscom AFB, MA	-	0.000	Oct 2023	-		0.000		0.000		0.000	-	-	-
Advisory & Assistance Services	C/CPFF	Odyssey : Boston, MA	-	0.657	Jul 2024	0.248	Jul 2025	0.602	Jul 2026	0.000		0.602	-	-	-
Platform One/NGA Support	Various	Various : Hanscom AFB, MA	-	0.691	Mar 2024	0.468	Mar 2025	0.205	Mar 2026	0.000		0.205	-	-	-
AF ISR DI	TBD	Not specified. : Hanscom AFB, MA	-	0.000		1.002		0.000		0.000		0.000	-	-	-
Subtotal			-	3.917		3.332		2.688		0.000		2.688	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Test Support	PO	45th Test Squadron : Eglin AFB, FL	-	0.789	Dec 2023	0.796	Dec 2024	0.478	Dec 2025	0.000		0.478	-	-	-
HAB Characterization	Various	NASIC : WPAFB, OH	-	12.000		0.000		0.000		0.000		0.000	-	-	-
IC-ITE	TBD	ACC : LAFB, VA	-	3.383		0.000		0.000		0.000		0.000	-	-	-
Subtotal			-	16.172		0.796		0.478		0.000		0.478	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Office Support	Various	Program Management Office : Hanscom AFB, MA	-	0.640	Nov 2023	0.016	Nov 2024	0.016	Nov 2025	-		0.016	-	-	-
Subtotal			-	0.640		0.016		0.016		-		0.016	-	-	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			-	40.029		24.205		32.739		0.000		32.739	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0207431F / Combat Air Intelligence System Activities					675307 / TARGETING ENTERPRISE RESEARCH			

	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
Kessel Run Targeting																												
Software/Hardware Development																												
Test and Evaluation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities	Project (Number/Name) 675307 / TARGETING ENTERPRISE RESEARCH	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Kessel Run Targeting</i>				
Software/Hardware Development	1	2025	4	2030
Test and Evaluation	1	2025	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675309 / GEO Info & Serv Software			
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
675309: GEO Info & Serv Software	0.000	35.854	0.844	0.862	0.000	0.862	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Provides support to personnel using Geospatial resources utilized in Geospatial Intelligence (GEOINT) databasing applications, technology exploration and refresh initiatives, geospatial imagery data management and dissemination architecture, geospatial information and services modernization, and enablers for intel and targeting capabilities. Provides support to the MAJCOMs to ensure requisite and available target intelligence and GEOINT tools for information directly available to warfighters.

The GEOINT information and service software program funds the Air Force Enhanced Geospatial Product Library (EGPL) which is currently fielded to all combatant command air components and subordinate units supporting global air operations. The EGPL provides digital GEOINT data to support mission planning, targeting & intelligence in support of mission objectives.

The Enhanced Geospatial Product Library (EGPL) is world-wide distributed United States Air Force (USAF) repository for geospatial products from the National Geospatial Intelligence Agency (NGA) and other government sources. Its purpose is to provide the Geospatial Intelligence (GEOINT) information needed by the Air Force (AF) and other DoD command and control systems. EGPL is on premise, continuously updated, NGA Foundational GEOINT data seamlessly accessible via shared drive or browser.

Funds enhanced dynamic F2T2EA sensor-to-shooter intel and advanced training on cloud-based apps to shorten LRKC with automated and AI-enabled Sensing Grid/targeting tools and applications. Analyzes, visualizes, and shares National, Tactical, and open source Intel to close the capability gap against adversary's truncated kill chains.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: ACC Kill Chain Automation	31.157	0.000	0.000	0.000	0.000
Description: Conducts limited early R&D for tools and workflow, initial cloud and data structure architecture, initial implementation of Sensor-to-shooter concept to accelerate kill chain for at scale dynamic execution, TTP development for targeting in an agile combat environment in the "lead wing concept", and enhanced target mensuration development to improve speed and capacity for target location. Funds dynamic F2T2EA S2S intelligence and advanced training on cloud-based application to shorten LRKC with automated/AI-enabled sensing-grid and targeting/applications. Analyzes, visualizes, and shares national, tactical, and open source intelligence to close the capability gap against adversary's truncated kill-chains.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities	Project (Number/Name) 675309 / GEO Info & Serv Software			
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2025 Plans: Funds were transferred within CAIS (0207431F) to the BPAC Targeting Enterprise Research (675307) to better align the effort description and execution.						
FY 2026 Base Plans: Funds were transferred in FY25 within CAIS (0207431F) to the BPAC Targeting Enterprise Research (675307) to better align the effort description and execution.						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement: N/A						
Title: Kessel Run Enhanced Geospatial Product Library (EGPL)		4.697	0.844	0.862	0.000	0.862
Description: Provide continuing support for EGPL software and storage to meet future and evolving IT and GEOINT standards and support.						
FY 2025 Plans: Provide continuing support for EGPL software and storage to meet future and evolving IT and GEOINT standards and support.						
FY 2026 Base Plans: Provide continuing support for software pathways to meet future and evolving IT and GEOINT standards and support.						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement: Contractor rate adjustments and inflationary increase						
Accomplishments/Planned Programs Subtotals		35.854	0.844	0.862	0.000	0.862

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities				Project (Number/Name) 675309 / GEO Info & Serv Software			
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
• OPAF 03 832070: 832070 INTELLIGENCE COMMUNICATIONS EQUIPMENT	17.742	12.066	6.848	0.000	6.848	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
The acquisition strategy builds on agile software engineering methodologies and modernization of existing capabilities utilizing evolutionary acquisition. Using section 804, timelines are reduced by modularizing both software engineering solutions and the associated contracting and funding strategies. This enables dynamic resource allocation based on current warfighter needs. The desired end state is continuous delivery of Software. In Summer of FY20, the decision was made to transition from MTA, Sec 804 Rapid Prototyping/Fielding to the new NDAA FY20 - Software Acquisition Pathway, which is the preferred path for acquisition and development of software-intensive systems. In October 2021, Kessel Run Air Domain was authorized by the Service Acquisition Executive to enter the Software Acquisition Pathway in the Execution Phase. This program is part of the overarching Kessel Run portfolio and is dependent on the All Domain Common Platform (ADCP). The ADCP provides an extensible cloud-based Infrastructure and Platform as a Service (IaaS/PaaS) hosting platform built to deliver highly resilient mission applications and data to Airmen deployed around the world.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity						R-1 Program Element (Number/Name)						Project (Number/Name)					
3600 / 7						PE 0207431F / Combat Air Intelligence System Activities						675309 / GEO Info & Serv Software					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Kill Chain Automation	TBD	ACC : TBD	-	31.157		0.000		0.000		0.000		0.000	-	-	-		
Software Development(Legacy/ENDOR)	C/CPAF	Various : Boston, MA	-	3.421	Dec 2023	0.000	Dec 2024	-		-		-	-	-	-		
Subtotal			-	34.578		0.000		0.000		0.000		0.000	-	-	N/A		
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Advisory & Assistance Services	C/CPFF	Odyssey : Boston, MA	-	0.822	Jul 2024	0.844	Jul 2025	0.862	Jul 2026	-		0.862	-	-	-		
Subtotal			-	0.822		0.844		0.862		-		0.862	-	-	N/A		
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Program Office Support	Reqn	Various : Hanscom, MA	-	0.454	Dec 2023	0.000	Dec 2024	0.000		-		0.000	-	-	-		
Subtotal			-	0.454		0.000		0.000		-		0.000	-	-	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			-	35.854	0.844		0.862		0.000		0.862	-	-	N/A			
Remarks																	
Realigned \$100K from BPAC 675307 to BPAC 675309 for EGPL follow-on contract.																	

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0207431F / Combat Air Intelligence System Activities					675309 / GEO Info & Serv Software			

	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
Kill Chain Automation																												
Software Development																												
Geoint																												
Software Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207431F / Combat Air Intelligence System Activities	Project (Number/Name) 675309 / GEO Info & Serv Software	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Kill Chain Automation</i>				
Software Development	1	2024	4	2028
<i>Geolnt</i>				
Software Development	1	2025	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0207438F I Theater Battle Management (TBM) C4I							
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	0.000	6.231	4.401	6.787	0.000	6.787	-	-	-	-	-	-
675218: Applications Development	0.000	6.231	4.401	6.787	0.000	6.787	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This budget line funds joint partner requirements of the Air Operations Center (AOC) Weapon System Modification effort. Applications Development efforts deliver capabilities identified in the 2013 Joint Command and Control Capability Development Document (CDD) and are executed under the Development, Security, and Operations (DevSecOps) Software Acquisition Pathway Program. Applications Development provides worldwide operational capabilities for Air Force Command and Control (C2) in support of DoD, Coalition Partners, and other government agencies. These efforts focus on support to the Joint Forces Air Component Commander (JFACC), who provides air, space and cyber support to other Air Force and Joint Services C2 systems. This program is dependent on the All Domain Common Platform (ADCP), which provides an extensible cloud-based infrastructure and platform as a service (IaaS/PaaS) hosting platform built to deliver highly resilient mission applications and data to Airmen deployed around the world.

In FY 2026, Applications Development will focus on providing necessary software capabilities to build, disseminate, and execute the Master Air Attack Plan (MAAP). Applications Development also provides an Airspace Management tool used for building airspaces, evaluating requests, and instantaneously generating the Airspace Control Order (ACO). These efforts deliver modern software for inclusion to the AOC Weapon System modifications program to replace the Master Air Attack Plan-Toolkit (MAAPTK) and components of Theater Battle Management Core System - Force Level (TBMCS FL).

Efforts within this PE align with USAF investment in Mission Planning Systems (PE 0208006F), Air Operations Center (0207410F), All Domain Common Platform (0303248F), C2IMERA (0305015F/0305836F) and ABMS (0604003F) to deliver the Theater Air Planning System of Systems (TAP-SoS) architecture for the DAF BATTLE NETWORK.

The FY 2026 request was reduced by -\$0.015 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."

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funding would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 0.000 million is forecasted for civilian pay expenses in this program element.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207438F I Theater Battle Management (TBM) C4I				
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		6.467	4.873	6.829	0.000	6.829
Current President's Budget		6.231	4.401	6.787	0.000	6.787
Total Adjustments		-0.236	-0.472	-0.042	0.000	-0.042
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.236	0.000			
• Other Adjustments		0.000	-0.472	-0.042	0.000	-0.042
Change Summary Explanation						
FY26 reductions due to inflationary cost adjustments						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: C2 Applications Development				6.231	4.401	6.787
Description: Employ agile software development methodologies to engineer, integrate, and test modern C2 software capabilities leveraging test-driven development. Provide engineering solutions, test, and deliver effective operational C2 capabilities utilizing continuous integration and continuous delivery (CI/CD) processes.						
FY 2025 Plans:						
- Delivered initial C2 software integrations to align with Theater Air Planning System of Systems (TAP-SoS) architecture priorities to enable Dynamic Mission Replanning and support data sharing/interoperability between functional and regional AOCs.						
FY 2026 Plans:						
- Will continue to deliver C2 software integrations in alignment with TAP-SoS and DAF Battle Network priorities to improve Dynamic Mission Replanning, eliminate manual data transfers between operational and tactical systems, and deploy enhanced decision-making capabilities along with Master Air Attack Plan (MAAP) automation.						
FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207438F I Theater Battle Management (TBM) C4I							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Funding increased due to planned funding ramp that supports FY 2026 AOC Operational Test & Evaluation (OT&E), post-OT&E fielding, support of Major Theater War capability across global AOC enterprise, and due to increased requirements for agile software development.												
Accomplishments/Planned Programs Subtotals										6.231	4.401	6.787
D. 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	
• OPAF 03 833140: Strategic Command And Control	9.991	5.431	1.861	-	1.861	-	-	-	-	-	-	
• RDTE 07 0303248F: All Domain Common Platform	71.296	82.927	79.294	-	79.294	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
The acquisition strategy builds on agile development and modification of existing capabilities using evolutionary acquisition to standardize and modernize command and control (C2) Applications Development. C2 Applications Development will operate under authority of a Software Acquisition Pathway.												
Program management for the C2 Applications Development is under direction of Program Executive Office (PEO) Digital, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA is the contracting authority for C2 Applications Development. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207438F / Theater Battle Management (TBM) C4I						Project (Number/Name) 675218 / Applications Development			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2AOS-C2IS Agile Software Development	C/T&M	Multiple : Multiple	-	6.231	Oct 2023	4.401	Oct 2024	6.787	Oct 2025	-		6.787	-	-	-
Subtotal			-	6.231		4.401		6.787		-		6.787	-	-	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			-	6.231		4.401		6.787		-		6.787	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207438F / Theater Battle Management (TBM) C4I		Project (Number/Name) 675218 / Applications Development	

	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
Applications Development																												
C2 Applications Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207438F / Theater Battle Management (TBM) C4I	Project (Number/Name) 675218 / Applications Development	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Applications Development				
C2 Applications Development	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>							
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	0.000	10.007	13.577	60.072	0.000	60.072	-	-	-	-	-	-
673310: <i>Electronic Warfare Integrated Reprogram RDT&E</i>	0.000	10.007	13.577	13.627	0.000	13.627	-	-	-	-	-	-
677722: <i>Multispectral Sensing</i>	0.000	0.000	0.000	41.205	0.000	41.205	-	-	-	-	-	-
67775A: <i>Sensing and Spectrum Warfare Technology</i>	0.000	0.000	0.000	5.240	0.000	5.240	-	-	-	-	-	-

Note

This program, BA 7, PE 0207439F, project 677722, Analysis, is a new start.
This program, BA 7, PE 0207439F, project 677722, Theater Capabilities, is a new start.
This program, BA 7, PE 0207439F, project 677722, EA Application Pipeline, is a new start.
This program, BA 7, PE 0207439F, project 677722, Airbase Kits, is a new start.
This program, BA 7, PE 0207439F, project 67775A, Analysis, is a new start.

A. Mission Description and Budget Item Justification

Electromagnetic Warfare Integrated Reprogramming (EWIR) postures for the future of reprogramming by reducing risk through repairing and rebuilding existing Electronic Warfare (EW) programs and modernizing the Electromagnetic Spectrum and Electronic Warfare enterprise.

This program creates new EW/Electromagnetic Spectrum Operations (EMSO) capabilities and conducts prototyping activities on emerging and enabling technologies to inform future EMSO capabilities.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0M was expended for civilian pay expenses in this program element, and in FY25 \$0M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0207439F I Electromagnetic Warfare Int Reprog (EWIR)			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	10.388	17.149	17.735	0.000	17.735
Current President's Budget	10.007	13.577	60.072	0.000	60.072
Total Adjustments	-0.381	-3.572	42.337	0.000	42.337
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-3.572			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.381	0.000			
• Other Adjustments	0.000	0.000	42.337	0.000	42.337
Change Summary Explanation					
FY25 decreased by \$3.572M due to program carryover.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>				Project (Number/Name) 673310 / <i>Electronic Warfare Integrated Reprogram RDT&E</i>			
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
673310: <i>Electronic Warfare Integrated Reprogram RDT&E</i>	0.000	10.007	13.577	13.627	0.000	13.627	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Electronic Warfare Integrated Reprogramming (EWIR) program element hosts the DoD's first System of System Technology Integration Tool Chain for Heterogeneous Electronic Systems (STITCHES) Warfighter Application Team (SWAT) at the 350th Spectrum Warfare Wing (350 SWW). SWAT is an integration team employing, maintaining, and instructing other teams in the DoD how to use the STITCHES integration platform. STITCHES is a fully government developed, owned, and open-source Modular Open Systems Architecture (MOSA) toolchain and multi-classification information system that creates new capabilities by integrating incompatible DoD fielded systems and architectures together without the need to modify system source code. STITCHES' separable and community-based databases allow disparate teams across the DoD to utilize STITCHES and SWAT in separate security levels without co-mingling data. The 350 SWW will utilize SWAT to generate requested capability using the STITCHES interoperability software on systems both within and external to the 350 SWW and deploy the capabilities created to the requesting organizations. SWAT interfaces and integrates with other DoD systems and their authorities to support 350 SWW missions and HHQ directed activities. SWAT is responsible for testing and deploying STITCHES generated interoperability into DoD systems supported by the 350 SWW, working with existing DoD test and certification organizations, and teaming with organizations outside of the 350 SWW when adapting and creating novel system of systems using capabilities from these organizations. SWAT will deliver adaptive and cutting-edge electromagnetic spectrum capabilities that provide the warfighter a tactical and strategic competitive advantage and freedom to attack, maneuver, and defend.

SWAT is a software development team composed of a government tiger team, the STITCHES toolchain developer, a secure cloud infrastructure and repository developer, and mission partners. SWAT includes a revolving team of subsystem subject matter experts when adapting DoD systems using STITCHES. SWAT is responsible for the execution of tasks employing STITCHES outlined in NDAA 2021 Section 804 and supports Joint All Domain Command and Control (JADC2) tasking and integration efforts in support of JADC2.

SWAT will conduct regular STITCHES training courses to scale the capability to the DoD. SWAT may team with other DoD organizations utilizing STITCHES to increase the scale of the deployed capabilities.

The STITCHES integration platform achieved a Cross Domain Solution (CDS) Authority to Operate (ATO) prior to the DoD's Raise The Bar (RTB) certification requirement process. The STITCHES integration platform will be submitted to the National Cross Domain Strategy and Management Office (NCDSMO) for Cross Domain Solution certification in FY24.

This program integrates DoD systems together to create new EW/EMSO capabilities and conducts prototyping activities on emerging and enabling technologies to inform future EMSO capabilities.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)	Project (Number/Name) 673310 / Electronic Warfare Integrated Reprogram RDT&E		
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY24 \$0M was expended for civilian pay expenses in this program element, and FY25 \$0M is forecasted for civilian pay expenses in this program element.				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Develop Deployment Strategy for STITCHES Description: This effort develops the deployment strategy of the STITCHES training and implementation process. FY 2025 Plans: Scope, lead, and deploy STITCHES integrations and train DoD personnel. Lead continual development for STITCHES Platform and new certification processes at 350 SWW direction. FY 2026 Plans: Scope, lead, and deploy STITCHES integrations and train DoD personnel. Lead continual development for STITCHES Platform and new certification processes at 350 SWW direction. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to reprogramming for Information Warfare Training Range Environment (IWTRE).		3.289	4.945	4.113
Title: STITCHES Verification, Validation, and Test Activities Description: Improve existing STITCHES verification, validation, and testing capabilities and apply to STITCHES-integrated systems in coordination with DoD test, accreditation, and certification authorities. FY 2025 Plans: Improve STITCHES verification, validation, and testing capabilities through automation, Graphical User Interface development, and streamline the developmental process for STITCHES toolchain and 350 SWW projects. FY 2026 Plans: Improve STITCHES verification, validation, and testing capabilities through automation, Graphical User Interface development, and streamline the developmental process for STITCHES toolchain and 350 SWW projects. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to reprogramming for Information Warfare Training Range Environment (IWTRE).		1.731	2.841	1.937
Title: Deploy STITCHES Secure Cloud Structures/Information Systems Description: The STITCHES information systems are the portion of the STITCHES Platform including NDAA 2021 Section 804 repositories at all classification levels deployed into Controlled Unclassified Information (CUI) and FENCES cloud environments as well as other stand-alone/edge unclassified & classified infrastructures.		1.731	2.841	2.937

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>		Project (Number/Name) 673310 / <i>Electronic Warfare Integrated Reprogram RDT&E</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
FY 2025 Plans: Continue deploying STITCHES toolchain and repository into web-based infrastructure for unclassified/classified information systems. Deploy secure cloud and non-cloud structures and NDAA 2021 Section 804 repositories within FENCES environment. Maintain CUI and classified cloud and stand-alone/edge structure ATOs.					
FY 2026 Plans: Continue deploying STITCHES toolchain and repository into web-based infrastructure for unclassified/classified information systems. Deploy secure cloud and non-cloud structures and NDAA 2021 Section 804 repositories within FENCES environment. Maintain CUI and classified cloud and stand-alone/edge structure ATOs.					
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to reprogramming for Information Warfare Training Range Environment (IWTRE).					
Title: Develop STITCHES Kill Chain Applications & Enabling Emerging Electromagnetic Spectrum Operations (EMSO) Technology Description: 350 SWW utilizes the ad-hoc System of System toolchain to integrate fielded DoD systems together in different configurations to create new EW/EMSO capabilities without the need to modify system source code. Conduct risk reduction and prototyping activities on emerging and enabling technologies to inform future EMSO capabilities informed by internal and external stakeholders.			3.637	6.522	4.640
FY 2025 Plans: Develop EW/EMSO capabilities through creation novel kill chains and EA/ES/EP involving previously incompatible weapon systems, Mission Design Series, sensor, and command, control, and communication systems. The development of advanced EW capability projects through collaboration of all military services in cooperation with multiple MAJCOMs to support multiple AORs such as United States Indo-Pacific Command and European Command. The 350 SWW will focus on traditional EW/EMSO problem sets and new gaps in air, maritime, space, and cyberspace domains.					
FY 2026 Plans: Develop EW/EMSO capabilities through creation novel kill chains and EA/ES/EP involving previously incompatible weapon systems, Mission Design Series, sensor, and command, control, and communication systems. The development of advanced EW capability projects through collaboration of all military services in cooperation with multiple MAJCOMs to support multiple AORs such as United States Indo-Pacific Command and European Command. The 350 SWW will focus on traditional EW/EMSO problem sets and new gaps in air, maritime, space, and cyberspace domains.					
FY 2025 to FY 2026 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>	Project (Number/Name) 673310 / <i>Electronic Warfare Integrated Reprogram RDT&E</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
Funding decreased due to reprogramming for Information Warfare Training Range Environment (IWTR).			
Accomplishments/Planned Programs Subtotals		10.388	17.149
Other Service Funding Adjustment		0.381	3.572
Air Force Subtotals		10.007	13.577
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
Accomplish studies, analysis, concept demonstrations, prototyping and engineering; efforts will be conducted using contracting strategies deemed most appropriate; generally using competitive contracts and/or other obligating documentation considered most appropriate by the obligating and performing agencies involved. Project utilizes existing DoD contracts to develop, maintain, and deploy interoperability within the DoD. SWAT will generate interoperability derived from system interface details as the requirements from NDAA 2021 Section 804 are delivered to DoD repositories via existing DoD programs. SWAT will serve existing programs to train and deliver their interface details into existing repositories including those Section 804 compliant repositories maintained by the STITCHES team. SWAT's System Adaptation effort generates those interface artifacts for programs not able to perform those functions on their own. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY24 0M was expended for civilian pay expenses in this program element, and FY25 0M is forecasted for civilian pay expenses in this program element.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>				Project (Number/Name) 673310 / <i>Electronic Warfare Integrated Reprogram RDT&E</i>					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development, STITCHES Toolchain	C/CPFF	Various : TBD	-	6.488	Dec 2023	8.555	Dec 2024	6.742	Dec 2025	-		6.742	-	-	-
Product Development, STITCHES Secure Cloud Infrastructure and Section 804 Repositories	C/Various	Various : TBD	-	2.400	Dec 2023	3.132	Dec 2024	2.238	Dec 2025	-		2.238	-	-	-
Product Development, System Adaption	C/Various	Various : TBD	-	-		3.287	Dec 2024	2.398	Dec 2025	-		2.398	-	-	-
Subtotal			-	8.888		14.974		11.378		-		11.378	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Mission Support	Various	Various : TBD	-	1.500	Dec 2023	2.175	Dec 2024	2.249	Dec 2025	-		2.249	-	-	-
Subtotal			-	1.500		2.175		2.249		-		2.249	-	-	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
Cost Category Subtotals			-	10.388		17.149		13.627		-		13.627	-	-	N/A
Other Service Funding Adjustment			-	0.381		3.572		-		-		-			-
Project Cost Totals			-	10.007		13.577		13.627		-		13.627	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>		Project (Number/Name) 673310 / <i>Electronic Warfare Integrated Reprogram RDT&E</i>	

	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
Develop Deployment Strategy for STITCHES																												
Develop Offensive and Defensive Electromagnetic Spectrum Capabilities																												
STITCHES Verification, Validation, and Test Activities																												
Test & Evaluate Offensive and Defensive Electromagnetic Spectrum Capabilities																												
Deploy STITCHES Secure Cloud Structures/ Information Systems																												
Deploy Repositories into CUI and FENCES Cloud Environments																												
Develop STITCHES Kill Chain Applications & Enabling Emerging Electromagnetic Spectrum Operations (EMSO) Technology																												
Integrate Fielded DoD Systems Together in Different Configurations																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)	Project (Number/Name) 673310 / Electronic Warfare Integrated Reprogram RDT&E	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Develop Deployment Strategy for STITCHES				
Develop Offensive and Defensive Electromagnetic Spectrum Capabilities	1	2024	4	2030
STITCHES Verification, Validation, and Test Activities				
Test & Evaluate Offensive and Defensive Electromagnetic Spectrum Capabilities	1	2024	4	2030
Deploy STITCHES Secure Cloud Structures/Information Systems				
Deploy Repositories into CUI and FENCES Cloud Environments	1	2024	4	2030
Develop STITCHES Kill Chain Applications & Enabling Emerging Electromagnetic Spectrum Operations (EMSO) Technology				
Integrate Fielded DoD Systems Together in Different Configurations	1	2024	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)				Project (Number/Name) 677722 / Multispectral Sensing			
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
677722: Multispectral Sensing	0.000	0.000	0.000	41.205	0.000	41.205	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note This program, BA 7, PE 0207439F, project 677722, Analysis, is a new start. This program, BA 7, PE 0207439F, project 677722, Theater Capabilities, is a new start. This program, BA 7, PE 0207439F, project 677722, EA Application Pipeline, is a new start. This program, BA 7, PE 0207439F, project 677722, Airbase Kits, is a new start.												
A. Mission Description and Budget Item Justification This program creates new EW/Electromagnetic Spectrum Operations (EMSO) Multispectral Sensing capabilities and conducts prototyping activities on emerging and enabling technologies to inform future EMSO capabilities.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: Analysis									-	0.000	11.005	
Description: Perform assessments and analyses for an Air Force Multispectral Sensing which will into current and future capability Air Force electromagnetic spectrum (EMS) capabilities.												
FY 2025 Plans: N/A												
FY 2026 Plans: Perform RDT&E activities.												
FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to new start requirements for Analysis for EMS capabilities.												
Title: Theater Capabilities									-	0.000	11.100	
Description: Perform assessments and analyses for an Theater Capabilities which will into current and future capability Air Force electromagnetic spectrum (EMS) capabilities.												
FY 2025 Plans: N/A												
FY 2026 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>	Project (Number/Name) 677722 / <i>Multispectral Sensing</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
Perform RDT&E activities.			
FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to new start and requirements for Theater Capabilities.			
Title: EA Application Pipeline Description: Perform assessments and analyses for a Electronic Attack Application Pipeline which will work with current and future capability Air Force electromagnetic spectrum (EMS) capabilities. FY 2025 Plans: N/A FY 2026 Plans: Perform RDT&E activities. FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to new start requirement for Electronic Attack Application Pipeline.		-	0.000
			6.900
Title: Airbase Kits Description: Perform assessments and analyses for an Airbase Kits for current and future capability Air Force electromagnetic spectrum (EMS) capabilities. FY 2025 Plans: N/A. FY 2026 Plans: Perform RDT&E activities. FY 2025 to FY 2026 Increase/Decrease Statement: Funding increase due to new start requirements for Airbase Kits.		-	0.000
			12.200
Accomplishments/Planned Programs Subtotals		-	0.000
			41.205
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks Due to the level of classification, additional details will be provided upon request through the appropriate forum.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>	Project (Number/Name) 677722 / <i>Multispectral Sensing</i>
D. Acquisition Strategy Accomplish studies, analysis, concept demonstrations, prototyping and engineering; efforts will be conducted using contracting strategies deemed most appropriate; generally using competitive contracts and/or other obligating documentation considered most appropriate by the obligating and performing agencies involved.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)						Project (Number/Name) 677722 / Multispectral Sensing			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Analysis	C/CPAF	Not specified. : TBD	-	-		-		11.005		-		11.005	-	-	-
Theater Capabilities	C/CPAF	Not specified. : TBD	-	-		-		11.100		-		11.100	-	-	-
Airbase Kits	C/CPAF	Not specified. : TBD	-	-		-		12.200		-		12.200	-	-	-
EA App Pipeline	C/CPAF	Not specified. : TBD	-	-		-		6.900		-		6.900	-	-	-
Subtotal			-	-		-		41.205		-		41.205	-	-	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			-	-		-		41.205		-		41.205	-	-	N/A
Remarks															
Due to the level of classification, additional details will be provided upon request through the appropriate forum.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)						Project (Number/Name) 677722 / Multispectral Sensing			

	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
Analysis																												
RDT&E																												
Theater Capabilities																												
RDT&E																												
Airbase Kits																												
RDT&E																												
EA App Pipeline																												
RDT&E																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)	Project (Number/Name) 677722 / Multispectral Sensing	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Analysis				
RDT&E	1	2026	4	2026
Theater Capabilities				
RDT&E	1	2026	4	2026
Airbase Kits				
RDT&E	1	2026	4	2026
EA App Pipeline				
RDT&E	1	2026	4	2026

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>				Project (Number/Name) 67775A / <i>Sensing and Spectrum Warfare Technology</i>			
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
67775A: <i>Sensing and Spectrum Warfare Technology</i>	0.000	0.000	0.000	5.240	0.000	5.240	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note
This program, BA 7, PE 0207439F, project 67775A, Analysis, is a new start.

A. Mission Description and Budget Item Justification
Electromagnetic Warfare Integrated Reprogramming (EWIR) postures for the future of reprogramming by reducing risk through repairing and rebuilding existing Electronic Warfare (EW) programs and modernizing the Electromagnetic Spectrum and Electronic Warfare enterprise.

This program creates new EW/Electromagnetic Spectrum Operations (EMSO) Sensing and Spectrum Warfare Technology and conducts prototyping activities on emerging and enabling technologies to inform future EMSO capabilities. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability.

<u>B. Accomplishments/Planned Programs (\$ in Millions)</u>	FY 2024	FY 2025	FY 2026
<i>Title:</i> Analysis <i>Description:</i> Perform assessments and analyses for emerging Air Force Sensing and Spectrum Warfare Technology in order to shape future battlespace and electromagnetic spectrum operations (EMSO). <i>FY 2025 Plans:</i> N/A <i>FY 2026 Plans:</i> Perform preparation activities for development of an analysis of Sensing and Spectrum Warfare Technologies. <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> New Start	-	0.000	5.240
Accomplishments/Planned Programs Subtotals	-	0.000	5.240

C. Other Program Funding Summary (\$ in Millions)
N/A

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / <i>Electromagnetic Warfare Int Reprog (EWIR)</i>	Project (Number/Name) 67775A / <i>Sensing and Spectrum Warfare Technology</i>

D. Acquisition Strategy

Accomplish studies, analysis, concept demonstrations, prototyping and engineering; efforts will be conducted using contracting strategies deemed most appropriate; generally using competitive contracts and/or other obligating documentation considered most appropriate by the obligating and performing agencies involved. .

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)					Project (Number/Name) 67775A / Sensing and Spectrum Warfare Technology				
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Analysis	C/CPAF	Not specified. : TBD	-	-		-		5.240	Mar 2026	-		5.240	-	-	-
Subtotal			-	-		-		5.240		-		5.240	-	-	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			-	-		-		5.240		-		5.240	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)		
			Project (Number/Name) 67775A / Sensing and Spectrum Warfare Technology		

	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
Analysis																												
RDT&E																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207439F / Electromagnetic Warfare Int Reprog (EWIR)	Project (Number/Name) 67775A / Sensing and Spectrum Warfare Technology

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Analysis				
RDT&E	1	2026	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207444F I Tactical Air Control Party-Mod							
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	0.000	24.093	12.171	0.000	0.000	0.000	-	-	-	-	-	-
676013: Equipment Modernization	0.000	24.093	12.171	0.000	0.000	0.000	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This budget line funds the Air Force Special Warfare (AFSPECWAR) Tactical Air Control Party (TACP) Weapon System which executes precision strike, integration, and all-domain command and control missions to meet Air Force power projection for the joint force's expanded maneuver.

TACP Airmen are part of the Air Force's premier ground combat units that are highly maneuverable and scalable. They execute ground-based command and control functions and seamlessly integrate kinetic and non-kinetic effects across the entire spectrum of conflict. They do this by providing joint force air component commanders with a highly trained force that operates at the tactical edge in highly contested environments and complicates enemy decision-making processes. Additionally, TACP Airmen conduct precision strike and integration operations at all echelons of maneuver warfare, from dismounted operations on the forward edge of the battlefield to tactical command posts; TACP Airmen plan, request, advise, and control joint fires and air power to meet multinational operations and supported Combatant commander's objectives.

The purpose of Tactical Air Control Party - Modernization (TACP-M) programs are to provide TACPs with modernized voice, data, and video communications, including diverse waveforms and software, advanced targeting equipment, and enhanced battlefield awareness/management capabilities across all domains. Improved targeting and data communications capabilities improve kill chain timelines, defeat adversary systems through opening and closing kill webs, extended critical networks to the forward edge, and when required reduce the probability of fratricide or collateral damage.

TACP-M programs support include addressing frequent TACP combat deployments that sometimes lead users to change equipment procurement priorities to support urgent operational needs and respond to evolving threat environments. TACP-M programs jointly develop and procure software and hardware with other AFSPECWAR programs to consolidate requirements that are common across the AFSPECWAR enterprise. This teaming arrangement helps standardize equipment, improves efficiency by consolidating acquisition efforts, enabling a common baseline, and reducing overall costs.

TACP-M programs provide and modernize capabilities in the following five major areas: (1) Air Support Operations Center (ASOC)/Tactical Operational Center (TOC) systems; also known as TACP Command and Control and communications (C3) (used in static, mobile and maneuverable operations centers), (2) Vehicle Mounted Systems (used in tactical vehicles) and for On-The-Move and At-The-Halt operations, (3) Dismounted Systems (used by TACPs in wearable configurations), (4) Joint all-Domain Command and Control (JADC2) software, and (5) Support distributed and resilient ground-based command and control teams that leverage airpower within the Theater Air Control System. To ensure survivable and effective C3 capabilities, TACP needs to develop equipment capable of sensing (passive and active) enemy activity within the electromagnetic environment and deliver non-kinetic effects through ground-based jamming Electro-Magnetic Spectrum (EMS) awareness, develop and integrate and a Wide Area Infrared System (WAIS) which will provide a 24/7 360 degree infrared imaging capability covering critical areas utilizing artificial intelligence for threat detection, High Capacity Beyond Line of Sight (BLOS) Baseband Backhaul (BB/BH) and other communications support equipment, advanced

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0207444F I Tactical Air Control Party-Mod	
software defined waveforms (Low Probability of Intercept/Low Probability of Detection (LPI/LPD)); network architecture to move data across elements & echelons and Small Unmanned Aircraft System (sUAS) for force protection and network extension.		
FY26 funding will allow for the continued development of TACP Mission Software, WARHAWK and Special Warfare Assault Kit (SWAK)/Tactical Assault Kit (TAK) software Tactical Laser Communications capabilities, other JADC2 network enabling software applications and suites, EMS and BLOS BB/BH. The CASS 1.4.5 program (to be renamed to "TACP Mission Software") includes the WARHAWK and SWAK software programs modernizing the software used in Command, Control, Communications and Cybersecurity (C4) processing systems for ASOC/TOC (TACP C2) operations, as well as vehicle Mounted and Dismounted operations. The software will allow enhanced capability and seamless communication between the operations centers and the TACP military units in high combat areas. The Tactical Laser Communications project includes the development of a Portable Optical Communication Terminal prototype, providing a Low Probability of Intercept/Low Probability of Detection, highly anti-jammable communication capability. The Tactical Laser Communications project also includes the development of supporting Tactical networks, enabling global access into the Department of Defense information Network, ensuring diverse and resilient pathways for data transmission for TACP military units in remote locations. TACP-M funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs such as but not limited to Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Items requested in FY2026 as identified in this Exhibit are representative but not limited to the items to be developed. Items developed during execution may change based on critical equipment needed to support current Air Force mission requirements. FY26 funding (\$12.038M) for BA 07 0207444F was transferred to BA 07 Project 0207457F. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 0.000M was expended for civilian pay expenses in this program element, and in FY 2025 0.000M is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0207444F I Tactical Air Control Party-Mod			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	10.060	12.171	12.605	0.000	12.605
Current President's Budget	24.093	12.171	0.000	0.000	0.000
Total Adjustments	14.033	0.000	-12.605	0.000	-12.605
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	15.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.875	0.000			
• Other Adjustments	-0.092	0.000	-12.605	0.000	-12.605
Change Summary Explanation					
The FY 2024 funding request was increased by \$15.000 million to account for a Congressional Add, Tactical Laser Communications.					
The FY 2024 funding amount was decreased by \$0.875 million to account for SBIR and \$0.092 million to account for FFRDC.					
FY26 funding (\$12.038M) for BA 07 0207444F was transferred to BA 07 Project 0207457F.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207444F / Tactical Air Control Party-Mod				Project (Number/Name) 676013 / Equipment Modernization			
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
676013: Equipment Modernization	0.000	24.093	12.171	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This budget line funds the Air Force Special Warfare (AFSPEWAR) Tactical Air Control Party (TACP) Weapon System which executes precision strike, integration, and all-domain command and control missions to meet Air Force power projection for the joint force's expanded maneuver.

TACP Airmen are part of the Air Force's premier ground combat units that are highly maneuverable and scalable. They execute ground-based command and control functions and seamlessly integrate kinetic and non-kinetic effects across the entire spectrum of conflict. They do this by providing joint force air component commanders with a highly trained force that operates at the tactical edge in highly contested environments and complicates enemy decision-making processes. Additionally, TACP Airmen conduct precision strike and integration operations at all echelons of maneuver warfare, from dismounted operations on the forward edge of the battlefield to tactical command posts; TACP Airmen plan, request, advise, and control joint fires and air power to meet multinational operations and supported Combatant commander's objectives.

The purpose of Tactical Air Control Party - Modernization (TACP-M) programs are to provide TACPs with modernized voice, data, and video communications, including diverse waveforms and software, advanced targeting equipment, and enhanced battlefield awareness/management capabilities across all domains. Improved targeting and data communications capabilities improve kill chain timelines, defeat adversary systems through opening and closing kill webs, extended critical networks to the forward edge, and when required reduce the probability of fratricide or collateral damage.

TACP-M programs support include addressing frequent TACP combat deployments that sometimes lead users to change equipment procurement priorities to support urgent operational needs and respond to evolving threat environments. TACP-M programs jointly develop and procure software and hardware with other AFSPEWAR programs to consolidate requirements that are common across the AFSPEWAR enterprise. This teaming arrangement helps standardize equipment, improves efficiency by consolidating acquisition efforts, enabling a common baseline, and reducing overall costs.

TACP-M programs provide and modernize capabilities in the following five major areas: (1) Air Support Operations Center (ASOC)/Tactical Operational Center (TOC) systems; also known as TACP Command and Control and communications (C3)(used in static, mobile and maneuverable operations centers), (2) Vehicle Mounted Systems (used in tactical vehicles) and for On-The-Move and At-The-Halt operations, (3) Dismounted Systems (used by TACPs in wearable configurations), (4) Joint all-Domain Command and Control (JADC2) software, and (5) Support distributed and resilient ground-based command and control teams that leverage airpower within the Theater Air Control System. To ensure survivable and effective C3 capabilities, TACP needs to develop equipment capable of sensing (passive and active) enemy activity within the electromagnetic environment and deliver non-kinetic effects through ground-based jamming Electro-Magnetic Spectrum (EMS) awareness, develop and integrate and a Wide Area Infrared System (WAIS) which will provide a 24/7 360 degree infrared imaging capability covering critical areas utilizing artificial intelligence for threat detection, High Capacity Beyond Line of Sight (BLOS) Baseband Backhaul (BB/BH) and other communications support equipment, advanced

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207444F / <i>Tactical Air Control Party-Mod</i>	Project (Number/Name) 676013 / <i>Equipment Modernization</i>
software defined waveforms (Low Probability of Intercept/Low Probability of Detection (LPI/LPD)); network architecture to move data across elements & echelons and Small Unmanned Aircraft System (sUAS) for force protection and network extension. FY 2026 funding will allow for the continued development of TACP Mission Software, WARHAWK and Special Warfare Assault Kit (SWAK)/Tactical Assault Kit (TAK) software, Tactical Laser Communications capabilities, other JADC2 network enabling software applications and suites, EMS and BLOS BB/BH. The CASS 1.4.5 program (to be renamed to "TACP Mission Software" includes the WARHAWK and SWAK software programs modernizing the software used in Command, Control, Communications and Cybersecurity (C4) processing systems for ASOC/TOC (TACP C2) operations, as well as vehicle Mounted and Dismounted operations. The software will allow enhanced capability and seamless communication between the operations centers and the TACP military units in high combat areas. The Tactical Laser Communications project includes the development of a Portable Optical Communication Terminal prototype, providing a Low Probability of Intercept/Low Probability of Detection, highly anti-jammable communication capability. The Tactical Laser Communications project also includes the development of supporting Tactical networks, enabling global access into the Department of Defense information Network, ensuring diverse and resilient pathways for data transmission for TACP military units in remote locations. TACP-M funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs such as but not limited to Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Items requested in FY 2026 as identified in this Exhibit are representative but not limited to the items to be developed. Items developed during execution may change based on critical equipment needed to support current Air Force mission requirements. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.000M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000M is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		
B. Accomplishments/Planned Programs (\$ in Millions)		
Title: Software - CASS 1.4.5 (program name to be changed to TACP Mission Software), WARHAWK and SWAK/TAK		FY 2024
Description: The Close Air Support System (CASS) 1.4.5 (program name to be changed to "TACP Mission Software") WARHAWK and SWAK/TAK software program will modernize the software used in Command, Control, Communications and Cybersecurity (C4) processing systems for ASOC/TOC (TACP C2) operations, as well as vehicle Mounted and Dismounted operations. The software will allow enhanced capability and seamless communication between the operations centers and the TACP military units in high contested areas.		FY 2025
		FY 2026
		-

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0207444F / <i>Tactical Air Control Party-Mod</i>			Project (Number/Name) 676013 / <i>Equipment Modernization</i>		

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
<i>FY 2025 Plans:</i> -Continue agile software development with at least quarterly software releases across TACP systems. -Continue testing software releases, as applicable. -Continue to support development/fielding of Special Warfare Assault Kit (SWAK)/Tactical Assault Kit (TAK) and Dismounted Special Warfare software. -Continue TACP common software architecture for further development to meet other Special Warfare airman operational needs. -Continue to integrate WARHAWK with ASOC-Mod software acquisition. -Continue to integrate and test Digitally Aided Close Air Support (DACAS) software data communications interfaces with C2 Nodes, CAS aircraft, Army Tactical Network (ATN), Soldier Radios Waveform (SRW) networks, Theater Battle Management Core Systems (TBMCS), and Mobile User Objective System (MUOS) Satellite communications (SATCOM) networks to enhance interoperability between TACPs and other joint warfighters. -Conduct investigations, studies and assessments to provide additional features (capabilities) for the software. -Conduct development, installation, and integration of the Tactical Laser Comms, Tactical Grid Boundaries to include demonstrating one of the laser terminal prototypes <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> FY 2025 to FY2026 increased to support Tactical network activities.			
Accomplishments/Planned Programs Subtotals	24.093	12.171	-

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
• OPAF 03 Line item 837100: <i>Tactical C-E Equipment</i>	32.119	51.076	54.032	0.000	54.032	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
WARHAWK follow-on contract continues activities through FY2030.											
The Air Support Operations Center (ASOC)-Mod (also Known as TACP C2) effort will continue to modernize fielded ASOC/Tactical Operational Center (TOC) software capabilities by developing enhanced communications capabilities.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207444F / Tactical Air Control Party-Mod	Project (Number/Name) 676013 / Equipment Modernization
The SWAK/TAK Dismounted software awarded the follow-on Systems Engineering and Integration (S&EI) contract in May 23, which continues agile development and deployment through FY 2033. The Air Force Life Cycle Management Center (AFLCMC) located at Wright-Patterson AFB, OH is the contracting authority for the TACP-M program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force													Date: June 2025		
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207444F / <i>Tactical Air Control Party-Mod</i>				Project (Number/Name) 676013 / <i>Equipment Modernization</i>					

Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
(TAK/SWAK) Software Dev Dismounted	Various	GDIT : Dayton, OH	-	2.908	Mar 2024	3.273	Nov 2024	-		-		-	-	-	-
WARHAWK Software System Dev Mounted ATM	C/CPFF	GDIT : Dayton, OH	-	4.479	Mar 2024	5.577	May 2025	-		-		-	-	-	-
WARHAWK Software NSWC, Crane (Naval Surface Warfare Center)	MIPR	NSWC Crane : Crane, IN	-	1.060	Jan 2024	1.063	Jan 2025	-		-		-	-	-	-
Congressional Add - Tactical Laser Communications	SS/CPAF	GSA/Viasat : Carlsbad, CA	-	14.451	Aug 2024	-		-		-		-	-	-	-
Subtotal			-	22.898		9.913		-		-		-	-	-	N/A

Remarks
 WARHAWK Software System Dev Mounted ATM Contract with GDIT is until March FY 2025 future Contractor TBD

Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Agency Support	PO	Various : Multiple, FL	-	0.293	May 2024	0.622	Apr 2025	-		-		-	-	-	-
Test Agency Support - Other	Various	Not specified. : Multiple, FL	-	0.000	Jul 2024	-		-		-		-	-	-	-
Subtotal			-	0.293		0.622		-		-		-	-	-	N/A

Remarks
 Development, operational and interoperability testing

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207444F / Tactical Air Control Party-Mod						Project (Number/Name) 676013 / Equipment Modernization					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Program Support Costs (PSC)	Various	Various/Various : TBD	-	0.902	Jul 2024	1.636	May 2025	-		-		-	-	-	-		
Subtotal			-	0.902		1.636		-		-		-	-	-	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			-	24.093		12.171		-		-		-	-	-	N/A		
Remarks																	
(TAK/SWAK) Software Dev Dismounted: FY 2025-2033 provides funding to complete all approved/backlog development items and initial Cyber & Electronic Warfare integration/development																	
WARHAWK System Dev. Mounted ATM: FY 2025 is the Re-compete for WARHAWK; FY 2025-FY 2026 will be for any approved backlog development																	

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207444F / Tactical Air Control Party-Mod					Project (Number/Name) 676013 / Equipment Modernization									

	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
WARHAWK Close Air Support System(CASS)																												
DACAS (SWAK/TAK) Software (all versions) Design, Development ,Testing and Fielding																												
DACAS (WARHAWK) ATM Software (all versions) Design, Development, Testing and Fielding																												
Congressional Add - Tactical Laser Communications - Development, Prototyping and Testing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207444F / Tactical Air Control Party-Mod	Project (Number/Name) 676013 / Equipment Modernization

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
WARHAWK Close Air Support System(CASS)				
DACAS (SWAK/TAK) Software (all versions) Design, Development ,Testing and Fielding	1	2024	4	2030
DACAS (WARHAWK) ATM Software (all versions) Design, Development, Testing and Fielding	1	2024	4	2030
Congressional Add - Tactical Laser Communications - Development, Prototyping and Testing	4	2024	4	2025

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207452F I DCAVES							
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	0.000	6.686	8.431	8.507	0.000	8.507	-	-	-	-	-	-
674801: DCAVES INC 2B	0.000	6.686	0.000	0.000	0.000	0.000	-	-	-	-	-	-
674803: DCAVES Cont Dev	0.000	0.000	8.431	8.507	0.000	8.507	-	-	-	-	-	-
Program MDAP/MAIS Code: 500												
Note In FY 2025, PE 0207452F, (DCAVES), Project 674801, (DCAVES INC 2B) efforts transferred to PE 0207452F, (DCAVES), Project 674803, (DCAVES CONT DEV), to align with program's transition to Software Acquisition Pathway and out of ACAT 1AC status.												
A. Mission Description and Budget Item Justification Deliberate and Crisis Action Planning and Execution System (DCAVES) is the Department of the Air Force (DAF) classified Command and Control (C2) National Security System (NSS) used to implement the Air Force Force Generation (AFFORGEN) process and project forces (includes weapon systems, logistics, and personnel). It enables the DAF to posture mission ready and equipped forces (organized in effects-based operational capability packages) to deliver air, space, and cyberspace capabilities to Joint commanders worldwide. DCAVES supports joint, combined, and DAF military operations worldwide. DCAVES Continuous Development defines specific requirements annually through an approved Capability Needs Statement (CNS) and also continues to address technical debt and engineering updates as a persistent requirement throughout the program. FY 2026 funding will be used to continue development efforts include creating a capability for on-demand updates to the Operation Plan (OPLAN) detail which reduces the corrective action time from days to minutes if the data is out of sync or deleted, interfacing with Joint Capabilities Requirements Manager (JCRM) to track when forces are officially ordered to a Combatant Command (COCOM), creating an unclassified server in the production environment for personnel accountability in areas where classified environments are not available, enhancing the Unit Type Availability (UTA) module with Log Assessment for reporting equipment shortfalls, Database Export for printable AFFORGEN dashboards, and Mass Edit for direct dashboard editing of AFFORGEN Force Elements. The FY 2026 funding also supports the development of the system by continuing to enhance the functionality of the system: crucial in supporting war planning. DCAVES completed Increment 2B full deployment in Q1 FY 2025 and transitioned to the Software Acquisition Pathway (SWP). DCAVES funding will be executed against capabilities packaged into agile development projects for multiple releases based on warfighter priorities. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.000M was expended for civilian pay expenses in this program element, and in FY 2025 0.000M is forecasted for civilian pay expenses in this program element.												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207452F / DCAVES

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	8.233	8.431	8.643	0.000	8.643
Current President's Budget	6.686	8.431	8.507	0.000	8.507
Total Adjustments	-1.547	0.000	-0.136	0.000	-0.136
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-1.292	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.255	0.000			
• Other Adjustments	0.000	0.000	-0.136	0.000	-0.136

Change Summary Explanation

In FY 2024, budget request was reduced by -\$1.292M for Increment 2B delays.

The FY 2026 budget request was reduced by \$.136M 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."

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207452F / DCAVES				Project (Number/Name) 674801 / DCAVES INC 2B			
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
674801: DCAVES INC 2B	0.000	6.686	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2025, PE 0207452F, (DCAVES), Project 674801, (DCAVES INC 2B) efforts were transferred to PE 0207452F, (DCAVES), Project 674803, (DCAVES CONT DEV), in order to account for program moving out of ACAT 1AC status to the Software Acquisition Pathway (SWP). In FY 2024 DCAVES received a Congressional Mark Reduction of (\$1.292M).

A. Mission Description and Budget Item Justification

Deliberate and Crisis Action Planning and Execution System (DCAVES) is the Department of the Air Force (DAF) classified Command and Control (C2) National Security System (NSS) used system used to project air expeditionary forces (includes weapon systems, logistics, and personnel). It enables the DAF to posture mission ready and equipped forces (organized in effects-based operational capability packages) to deliver air, space and cyberspace capabilities to Joint commanders worldwide. DCAVES stores planning and execution information for DAF functional users in the four (4) main DAF disciplines: 1) manpower, 2) personnel, 3) logistics, and 4) operations. These disciplines support joint, combined, and DAF military operations worldwide.

Technical requirements were completed for Increment 2B which included enabling the system to support Public Key Infrastructure and elimination of Social Security Account Numbers as the primary key for identifying Air Force military and civilian members by replacing it with the Electronic Data Interchange Personal Identifier.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.0M was expended for civilian pay expenses in this program element, and in FY 2025 0.0M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: DCAVES INCREMENT 2B	6.686	0.000	0.000
Description: DCAVES Increment 2B includes Infrastructure Support, Business Intelligence, and the development of multiple Warfighter Capabilities (see remarks section below for capability titles). In August 2020, the Air Force restructured DCAVES Inc 2B Acquisition Program Baseline adding two and a half capability packages (second half of 6 plus 7 and 8), that had previously been deferred. Capability packages 5 and 7 were later eliminated by the customer (AF/A3OD) post restructure.			
FY 2025 Plans: - Continue Joint Planning and Execution System (JPES) integration			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAVES	Project (Number/Name) 674801 / DCAVES INC 2B	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
- Continue Continuous Development Planning FY 2026 Plans: In FY 2025, PE 0207452F, (DCAVES), Project 674801, (DCAVES INC 2B) efforts were transferred to PE 0207452F, (DCAVES), Project 674803, (DCAVES CONT DEV), in order to account for program moving out of ACAT 1AC status to the Software Pathway. FY 2025 to FY 2026 Increase/Decrease Statement: No change due to program moving to PROJECT 674803 in FY25 (DCAVES Cont Dev).			
Accomplishments/Planned Programs Subtotals		6.686	0.000
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
DCAVES Increment 2B Warfighter Capability Packages: Capability 1 - Electronic Data Interface Personnel Identifier (EDIPI) (Delivered) Capability 2 - Global Force Management Interoperability (GFM-DI) (Delivered) Capability 3 - Enhanced Contingency-Rotational Air Expeditionary Force Scheduling Tool Interface (ECAST) (Delivered) Capability 4 - Manpower & Equipment Force Packaging (MEFPAK) (Delivered) Capability 5 - Logistics Factor File (LFF) (Removed by AF/A3OD) Capability 6 - Force Availability Analysis (FAA) (Delivered) Capability 7 - Air Reserve Component (ARC) Forces (Removed by AF/A3OD, requirement moved to TIMES Program) Capability 8 - Work Flow Management (Delivered) JPES - Joint Planning Execution Services			
D. Acquisition Strategy			
The DCAVES program successfully awarded the DCAVES Increment 2B Development Task Order for a one-year Base Period and three one-year Option Periods using the NETCENTS 2 Application Services Small Business Indefinite Delivery Indefinite Quantity (IDIQ) contract. The period of performance started on 6 April 2020 and ended 5 April 2025 with a one-year Fair Opportunity Exception (FOE) awarded in FY 2023 to extend the Development Task Order from 6 April 2024 to 5 April 2025.			
DCAVES Increment 2B operated as an Evolutionary Acquisition Program using an incremental development approach (DoDI 5000.02 Model 3) to develop capabilities over several increments. To support the rapid development and delivery of capabilities, DCAVES employs a hybrid Agile acquisition strategy in which capabilities are incrementally delivered in time-phased stages based on warfighter priorities and adoption of key architecture and technology requirements as a trade-off for accelerated delivery and risk reduction.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAVES	Project (Number/Name) 674801 / DCAVES INC 2B
The DCAVES Program Management Office (PMO) uses a mix of agreements (Service Level Agreements and Memorandums) with DCAVES interface partners. Memorandums of Agreement (MOA) with Joint Interoperability Test Command, Air Force Operational Test and Evaluation Command, and the 45th Test Squadron are in place and outline the test support required before fielding the final capability packages. DCAVES successfully delivered all Increment 2B requirements and achieved Full Deployment in Q1 FY 2025, three months ahead of APB threshold. The period of performance on this contract ended on 5 April 2025. A follow-on contract was awarded on 6 March 2025 under the Project 674803 (DCAVES CONT DEV).		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207452F / DCAPEs				Project (Number/Name) 674801 / DCAPEs INC 2B					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES Increment 2B/ Prime Contract	C/FFP	CGI Federal Inc : Fairfax, VA	0.000	3.232	Apr 2024	-		-		-		-	-	-	47.306
DCAPES Infrastructure/ Integration (NEW)	C/FFP	Obsidian Global LLC : Washington, DC	0.000	0.721	Feb 2024	-		-		-		-	-	-	0.343
DCAPES Architecture Documentation Development (NEW)	C/FFP	Bowhead LLC : Springfield, VA	0.000	0.019	Aug 2024	-		-		-		-	-	-	0.154
DCAPES DISA Hosting	MIPR	DISA : Pensacola, FL	0.000	0.446	Oct 2023	-		-		-		-	-	-	15.166
DCAPES CLOUD Supt	C/CPAF	SAIC : Reston, VA	0.000	0.225	Sep 2024	-		-		-		-	-	-	0.229
Subtotal			0.000	4.643		-		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES GBB Integration Contract Support (NEW)	C/FFP	1 Sync Tech LLC : Montgomery, AL	0.000	0.637	Apr 2024	-		-		-		-	-	-	0.779
DCAPES Engineering Contract Support (NEW)	C/CPAF	Torch Technologies INC : Huntsville, AL	0.000	0.273	Apr 2024	-		-		-		-	-	-	0.943
DCAPES Oracle Licenses	C/FFP	Mythics : Vienna, VA	0.000	0.271	Aug 2024	-		-		-		-	-	-	4.560
DCAPES Government Purchase Card	Reqn	Various : Various	0.000	0.020	Oct 2023	-		-		-		-	-	-	0.209
Subtotal			0.000	1.201		-		-		-		-	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES Development Test and Evaluation	MIPR	45th Test Sqdn : Eglin AFB, FL	0.000	0.221	Dec 2023	-		-		-		-	-	-	3.519

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207452F / DCAPES				Project (Number/Name) 674801 / DCAPES INC 2B					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES Interoperability Testing and Evaluation	MIPR	DISA JITC : Huachuca, AZ	0.000	0.169	Oct 2023	-		-		-		-	-	-	1.278
Subtotal			0.000	0.390		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Assessments	Various	Various : Various	0.000	0.387	Oct 2023	-		-		-		-	-	-	4.145
DCAPES Travel	Reqn	Various : Various	0.000	0.030	Oct 2023	-		-		-		-	-	-	0.330
DCAPES Business Integration Support	Various	Various : Various	0.000	0.035	Oct 2023	-		-		-		-	-	-	0.385
Subtotal			0.000	0.452		-		-		-		-	-	-	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			0.000	6.686		-		-		-		-	-	-	N/A
Remarks															
In FY 2025, PE 0207452F, (DCAPES), Project 674801, (DCAPES INC 2B) efforts transferred to PE 0207452F, (DCAPES), Project 674803, (DCAPES CONT DEV), to align with program's transition to Software Acquisition Pathway and out of ACAT 1AC status.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)			Project (Number/Name)				
3600 / 7					PE 0207452F / DCAPES			674801 / DCAPES INC 2B				

	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
DCAPES Increment 2B																												
DCAPES Increment 2B (Restructured)																												
- Capability 6 Force Availability Analysis (FAA)																												
- Capability 8 Work Flow Management																												
- JPES (Joint Planning Execution Services)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPEs	Project (Number/Name) 674801 / DCAPEs INC 2B	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DCAPES Increment 2B				
DCAPES Increment 2B (Restructured)	1	2024	2	2025
- Capability 6 Force Availability Analysis (FAA)	1	2024	3	2024
- Capability 8 Work Flow Management	1	2024	3	2024
- JPES (Joint Planning Execution Services)	1	2024	2	2025

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207452F / DCAPES				Project (Number/Name) 674803 / DCAPES Cont 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
674803: DCAPES Cont Dev	0.000	0.000	8.431	8.507	0.000	8.507	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2025, PE 0207452F, (DCAPES), Project 674801, (DCAPES INC 2B) efforts were transferred to PE 0207452F, (DCAPES), Project 674803, (DCAPES CONT DEV), to align with program's transition to Software Acquisition Pathway and out of ACAT 1AC status.

A. Mission Description and Budget Item Justification

Deliberate and Crisis Action Planning and Execution System (DCAPES) is the Department of the Air Force (DAF) classified Command and Control (C2) National Security System (NSS) system used to implement the Air Force Force Generation (AFFORGEN) process and project forces (includes weapon systems, logistics, and personnel). It enables the DAF to posture mission ready and equipped forces (organized in effects-based operational capability packages) to deliver air, space and cyberspace capabilities to Joint commanders worldwide. Additionally, DCAPES manages sourcing, scheduling, and deployment of DAF military and/or civilian personnel against Secretary of Defense directed operations while maintaining strength accountability of the deployed forces.

FY 2026 funding will be used to continue development efforts include creating a capability for on-demand updates to the Operation Plan (OPLAN) detail which reduces the corrective action time from days to minutes if the data is out of sync or deleted, interfacing with Joint Capabilities Requirements Manager (JCRM) to track when forces are officially ordered to a Combatant Command (COCOM), creating an unclassified server in the production environment for personnel accountability in areas where classified environments are not available, enhancing the Unit Type Availability (UTA) module with Log Assessment for reporting equipment shortfalls, Database Export for printable AFFORGEN dashboards, and Mass Edit for direct dashboard editing of AFFORGEN Force Elements. The FY 2026 funding also supports the development of the system by continuing to enhance the functionality of the system: crucial in supporting war planning.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.000M was expended for civilian pay expenses in this program element, and in FY 2025 0.000M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
Title: DCAPES Continuous Development	0.000	8.431	8.507
Description: DCAPES Continuous Development Infrastructure Support, Business Intelligence, and the development of multiple Warfighter requirements.			
FY 2025 Plans:			
- Continue Logistics Detail (LOGDET) creation in Manpower and Equipment Force Packaging (MEFPAK)			
- Continue to interface with and apply AF Org Server data (Military, Civilian and Manpower Data)			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPEs	Project (Number/Name) 674803 / DCAPEs Cont Dev	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
- Continue to update DCAPEs Business Intelligence (BI) and Authoritative Data Services (ADS) for Allocation Tool Suite (ATS), MEFPak, and Unit Type code Availability (UTA) data FY 2026 Plans: - Will create capability for on-demand update of Joint Operational Planning & Execution System (JOPES) Operations Plan (OPLAN) detail in DCAPEs - Will interface and apply Joint Capabilities Requirements Manager (JCRM) Data - Will create Unclassified Server Supporting Personnel Accountability - Will create additional capabilities within the Unit Type Availability (UTA) Module - Will continue to develop/deploy additional user requirements, functionalities, and enhancements of the system FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to inflation			
Accomplishments/Planned Programs Subtotals		0.000	8.431
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
The DCAPEs program successfully awarded the Continuous Development (CD) Task Order for a one-year Base Period and four one-year Option Periods using the Small Business Enterprise Application Services (SBEAS) IDIQ contract. The base year period of performance is from 6 March 2025 - 5 March 2026. In Q4 FY 2023, DCAPEs received approval to transition to the Software Acquisition Pathway upon full deployment decision of Increment 2B (Inc 2B). As a Software Acquisition Pathway (SWP) program, DCAPEs will maintain contractor support of the system to provide rapid development and delivery of capabilities based on the warfighter's top priorities. The Program Management Office (PMO) maintains a backlog of requirements and the stakeholders will verify needs, from the backlog, for inclusion in an annually approved Capability Needs Statement (CNS) and project capabilities for an additional two years. In Q1 FY 2025 DCAPEs completed Increment 2B full deployment and transitioned to the Software Acquisition Pathway. The DCAPEs PMO uses a mix of agreements (Service Level Agreements and Memorandums) with DCAPEs interface partners. Both development and production environments are transitioning to cloud infrastructure. Memorandums of Agreement (MOA) with Joint Interoperability Test Command and the 45th Test Squadron are in place and outline the test support required before fielding the final capability packages.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207452F / DCAPEs	Project (Number/Name) 674803 / DCAPEs Cont Dev

Program management for the DCAPES program is under direction of Program Executive Office (PEO) Defense Business Systems (DBS), located at Gunter Annex AFB, AL. The Air Force Life Cycle Management Center (AFLCMC) located at Gunter Annex AFB, AL provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207452F / DCAPEs				Project (Number/Name) 674803 / DCAPEs Cont Dev					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES Cont Dev/Prime Contract	C/FFP	TBD : TBD	0.000	-		4.605	Mar 2025	4.805	Mar 2026	-		4.805	-	-	22.849
DCAPES Infrastructure/Integration	C/FFP	Obsidian Global LLC : Wash DC, DC	0.000	-		0.422	Feb 2025	0.425	Feb 2026	-		0.425	-	-	2.265
DCAPES Architecture Documentation Development	C/CPAF	Bowhead LLC : Springfield, VA	0.000	-		0.085	Sep 2025	0.088	Sep 2026	-		0.088	-	-	0.354
DCAPES CLOUD Supt	C/CPFF	SAIC : Reston, VA	0.000	-		0.170	Sep 2025	0.186	Sep 2026	-		0.186	-	-	-
DCAPES DISA Hosting	MIPR	DISA : Pensacola, FL	0.000	-		0.497	Oct 2024	0.497	Oct 2025	-		0.497	-	-	-
Subtotal			0.000	-		5.779		6.001		-		6.001	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES GBB Integration Contract Support	C/FFP	1 Sync Tech LLC : Montgomery, AL	0.000	-		0.498	Apr 2025	0.444	Apr 2026	-		0.444	-	-	1.926
DCAPES Engineering Contract Support	C/CPFF	Torch Tech Inc : Huntsville, AL	0.000	-		0.491	Apr 2025	0.505	Apr 2026	-		0.505	-	-	2.389
DCAPES Oracle Licenses	C/FFP	TBD : TBD	0.000	-		0.260	Jun 2025	0.268	Jun 2026	-		0.268	-	-	-
DCAPES C2AO	MIPR	C2 SCA : Hanscom AFB, MA	0.000	-		0.103	Oct 2024	0.106	Oct 2025	-		0.106	-	-	-
DCAPES Shared Services	Various	Various : TBD	0.000	-		0.053	Oct 2024	0.055	Oct 2025	-		0.055	-	-	-
DCAPES Government Purchase Card	Various	Various : TBD	0.000	-		0.015	Oct 2024	0.015	Oct 2025	-		0.015	-	-	-
Subtotal			0.000	-		1.420		1.393		-		1.393	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207452F / DCAPEs				Project (Number/Name) 674803 / DCAPEs Cont Dev					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES Development Test and Evaluation	PO	45th Test Sqdn : Eglin AFB, FL	0.000	-		0.525	Oct 2024	0.525	Oct 2025	-		0.525	-	-	-
DCAPES Interoperability Testing and Evaluation	MIPR	DISA JITC : Ft Huachuca, AZ	0.000	-		0.095	Oct 2024	0.097	Oct 2025	-		0.097	-	-	-
Subtotal			0.000	-		0.620		0.622		-		0.622	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCAPES Program Management Assessments	Various	Various : Various	0.000	-		0.487	Oct 2024	0.366	Oct 2025	-		0.366	-	-	-
DCAPES Travel	Reqn	Various : TBD	0.000	-		0.120	Oct 2024	0.120	Oct 2025	-		0.120	-	-	-
DCAPES Business Integration Support	Various	Various : TBD	0.000	-		0.005	Oct 2024	0.005	Oct 2025	-		0.005	-	-	-
Subtotal			0.000	-		0.612		0.491		-		0.491	-	-	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			0.000	-		8.431		8.507		-		8.507	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0207452F / DCAVES		
			Project (Number/Name) 674803 / DCAVES Cont Dev		

	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
<i>DCAVES Continuous Development</i>																												
- Follow on contract award																												
- Logistics Detail (LOGDET) creation in Manpower and Equipment Force Packaging (MEFPAK)																												
- Interface with and apply AF Org Server data (Military, Civilian and Manpower Data)																												
- Create Unclassified Server Production Environment supporting Personnel Accountability																												
- Create capability for on-demand update of JOPEs OPLAN																												
- Interface with and apply Joint Capabilities Requirements Manager (JCRM) Data																												
- Create capabilities to enhancements to the Unit Type Availability (UTA) module																												
- Interface and apply Defense Readiness Reporting System - Strategic (DRRS-S) Data																												
- Create Capability to Apportion Forces																												
- Enhancements to the Personnel Planning functionality of DCAVES																												
- Auto Apply National Stock Number and AF Specialty Code Substitution Logic																												
- Auto Generate Cargo Detail in New Capability Packages																												
- Allow Users to Subscribe to Data Changes Across All Modules																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																								Date: June 2025															
Appropriation/Budget Activity												R-1 Program Element (Number/Name)								Project (Number/Name)																			
3600 / 7												PE 0207452F / DCAVES								674803 / DCAVES Cont Dev																			
												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
- Auto Source from UTC Availability when Triggers are Met												██																											

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0207452F / DCAVES

Project (Number/Name)

674803 / DCAVES Cont Dev

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>DCAPES Continuous Development</i>				
- Follow on contract award	3	2024	2	2025
- Logistics Detail (LOGDET) creation in Manpower and Equipment Force Packaging (MEFPAK)	1	2025	2	2025
- Interface with and apply AF Org Server data (Military, Civilian and Manpower Data)	2	2025	4	2025
- Create Unclassified Server Production Environment supporting Personnel Accountability	3	2025	1	2026
- Create capability for on-demand update of JOPES OPLAN	1	2026	2	2026
- Interface with and apply Joint Capabilities Requirements Manager (JCRM) Data	1	2026	2	2026
- Create capabilities to enhancements to the Unit Type Availability (UTA) module	1	2026	4	2026
- Interface and apply Defense Readiness Reporting System - Strategic (DRRS-S) Data	1	2027	4	2027
- Create Capability to Apportion Forces	1	2027	2	2028
- Enhancements to the Personnel Planning functionality of DCAVES	3	2027	4	2027
- Auto Apply National Stock Number and AF Specialty Code Substitution Logic	3	2028	4	2028
- Auto Generate Cargo Detail in New Capability Packages	1	2029	2	2029
- Allow Users to Subscribe to Data Changes Across All Modules	3	2029	4	2029
- Auto Source from UTC Availability when Triggers are Met	1	2030	2	2030
- Integrate Force Structure Data in DCAVES	3	2030	4	2030
- Continuous Analytics and Authoritative Data Services Updates	1	2025	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0207457F I <i>Air Force Special Warfare (SPECWAR)</i>							
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	0.000	0.000	0.000	27.526	0.000	27.526	-	-	-	-	-	-
675138: <i>ST System Development</i>	0.000	0.000	0.000	9.622	0.000	9.622	-	-	-	-	-	-
675234: <i>TACP Support</i>	0.000	0.000	0.000	4.108	0.000	4.108	-	-	-	-	-	-
675352: <i>Guardian Angel RDT&E</i>	0.000	0.000	0.000	1.758	0.000	1.758	-	-	-	-	-	-
676013: <i>Equipment Modernization</i>	0.000	0.000	0.000	12.038	0.000	12.038	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Air Force Special Warfare (AFSPECWAR) includes Guardian Angel (GA), Special Tactics/Combat Control (ST/CC), Tactical Air Control Party-Modernization (TACP-M) and Air Force Special Warfare-TACP (AFSPECWAR-TACP) programs that develop, integrate, train and test equipment and systems to provide TACPs, GA airmen and ST/CC airmen capabilities to accomplish unique and challenging missions. All three are human based weapons systems.

AFSPECWAR Airmen execute seven Mission Essential Tasks:

- Gain access to allies, partners, and terrain for Joint All Domain Operations
- Conduct reconnaissance and surveillance
- Provide resilient Command and Control forward
- Execute Forward Airfield Operations
- Accomplish cyberspace and electromagnetic spectrum operations (CO/EMSO)
- Perform Personnel Recovery and Reconstitution
- Integrate to deliver joint fires and effects

A. Guardian Angel (GA) is a Family of Systems (FoS) based in both human and equipment capabilities formulated to execute Air Force Personnel Recovery (PR) across the full spectrum of military operations. The GA FoS is employed by three distinct Air Force specialties: Pararescue men (PJ), Combat Rescue Officer (CRO), and Survival, Evasion, Resistance, Escape (SERE) and is comprised of nine critical mission areas: Precision Aerial Insertion, Information Management, Force Application, Visual Augmentation, Maritime Recovery, Ground Mobility, Technical Rescue, Medical, and SERE.

In order to stay aligned with with OSD Focus Area Command and Control (C2), logistics mobility (land/water), FY2026 funding will be used to obtain significant improvements in operational capability and develop items within the GA FoS to include but not limited to: Maritime Recovery (open ocean boat), Ground Mobility, Technical Recovery, Precision Aerial Insertion (cargo & personnel parachutes), Medical (Simulators), Information Management, SERE, Visual Augmentation (night vision, augmented reality) and Force Protection. The GA weapon system development/Innovation activities also include studies, analysis, requirements development

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0207457F I Air Force Special Warfare (SPECWAR)	
and developmental testing to support both current and future program planning and execution, quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs. Funding will deliver enhanced capability for the dismounted GA Operators in terms of dramatic weight reduction, standardization of items across units, and increased mission effectiveness across the conflict spectrum. B. Special Tactics (ST)/Combat Control (ST/CC) is a human-based weapon system, comprised of both human and equipment capabilities formulated to provide the Air Force and Joint Force with support across the following missions: Global Access, Precision Strike, and PR; with additional focus on EMSO, Counter-Unmanned Aircraft Systems (UAS), and Ground-based Suppression of Enemy Air Defenses (SEAD). ST is employed by Air Force Special Operations Command (AFSOC) across four distinct operator specialties: Combat Control, Pararescue, Special Reconnaissance and Tactical Air Control Party. Special Warfare Acquisition, Growth and Refresh (SWAGR) is the program of record to develop, integrate, test, procure and field the latest technology and equipment across a wide range of capabilities to ensure AFSPECWAR ST operators can achieve the mission sets outlined above. Specifically, SWAGR delivers modernized capability in the areas of body-worn hardware/software, tactical communications, ground mobility, small UAS, visual augmentation, maritime, special reconnaissance, technical recovery, and assault zones. FY2026 Funding will provide for continued software development and modernization of the body-worn kit to enhance situational awareness, communication, information management, and airpower integration for ST operators in the battlespace. These enhancements will improve the ability recognize, identify, range, nominate, and designate targets during both day and night operations. Improvements will also significantly reduce the time required to find, track, fix targets, and engage the enemy by attacking adversary signals of interest, providing highly accurate target grid coordinates in three dimensions, generating target imagery both pre- and post-strike, and transmitting target data to C2 centers. Funding will also provide for the development and test of emerging technology, and the integration of the latest mature technology into the ST weapon system to conduct mission essential tasks. C. Air Force Special Warfare (AFSPECWAR) Tactical Air Control Party (TACP) Weapon System executes precision strike, integration, and all-domain command and control missions to meet Air Force power projection for the joint force's expanded maneuver. They do this by providing joint force air component commanders with a highly trained force that operates at the tactical edge in highly contested environments and complicates enemy decision-making processes. TACP Airmen plan, request, advise, and control joint fires and air power to meet multinational operations and supported Combatant commander's objectives. The purpose of Tactical Air Control Party - Modernization (TACP-M) programs are to provide TACPs with modernized voice, data, and video communications, including diverse waveforms and software, advanced targeting equipment, and enhanced battlefield awareness/management capabilities across all domains. Improved targeting and data communications capabilities improve kill chain timelines, defeat adversary systems through opening and closing kill webs, extended critical networks to the forward edge, and when required reduce the probability of fratricide or collateral damage. TACP-M programs address frequent TACP combat deployments that sometimes lead users to change equipment procurement requirements to support urgent operational needs and respond to evolving threat environments. TACP-M programs jointly develop and procure software and hardware with other AFSPECWAR programs to consolidate requirements that are common across the AFSPECWAR enterprise. This teaming arrangement helps standardize equipment, improves efficiency by consolidating acquisition efforts, enabling a common baseline, and reducing overall costs.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0207457F / <i>Air Force Special Warfare (SPECWAR)</i>
TACP-M programs provide and modernize capabilities in the following five major areas: (1) Air Support Operations Center (ASOC)/Tactical Operational Center (TOC) systems; also known as TACP Command and Control and communications (C3) (used in static, mobile and maneuverable operations centers), (2) Vehicle Mounted Systems (used in tactical vehicles) for On-The-Move and At-The-Halt operations, (3) Dismounted Systems (used by TACPs in wearable configurations), (4) Joint all-Domain Command and Control (JADC2) software, and (5) Support distributed and resilient ground-based command and control teams that leverage airpower within the Theater Air Control System. To ensure survivable and effective C3 capabilities, TACP needs to develop equipment capable of: sensing (passive and active) enemy activity within the electromagnetic environment and deliver non-kinetic effects through ground-based EMSO capabilities; developing and integrating a passive IR sensor which will provide a 24/7 360 degree infrared imaging capability utilizing artificial intelligence for threat detection; developing High Capacity Beyond Line of Sight (BLOS) Baseband Backhaul (BB/BH) systems and other communications support equipment; integrating advanced defined waveforms (Low Probability of Intercept/Low Probability of Detection (LPI/LPD)); improving network architecture to move data across elements & echelons and using Small Unmanned Aircraft Systems (sUAS) for force protection and network extension. FY2026 funding will allow for the continued development of TACP Mission Software, WARHAWK and Special Warfare Assault Kit (SWAK)/Tactical Assault Kit (TAK) software Tactical Laser Communications capabilities, other JADC2 network enabling software applications and suites, EMSO and BLOS BB/BH. The CASS 1.4.5 program (to be renamed to "TACP Mission Software") includes the WARHAWK and SWAK software programs modernizing the software used in Command, Control, Communications and Cybersecurity (C4) processing systems for ASOC/TOC (TACP C2) operations, as well as vehicle Mounted and Dismounted operations. The software will allow enhanced capability and seamless communication between the operations centers and the TACP military units in high combat areas. The Tactical Laser Communications project includes the development of a Portable Optical Communication Terminal prototype, providing a Low Probability of Intercept/Low Probability of Detection, highly anti-jammable communication capability. The Tactical Laser Communications project also includes the development of supporting Tactical networks, enabling global access into the Department of Defense information Network, ensuring diverse and resilient pathways for data transmission for TACP military units in remote locations. TACP-M funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs such as but not limited to Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Items requested in FY2026 as identified in this Exhibit are representative but not limited to the items to be developed. Items developed during execution may change based on critical equipment needed to support current Air Force mission requirements. D. The Joint Terminal Control Training and Rehearsal (JTC TRS) Program , under the Tactical Airborne Control System, funds development necessary to provide a Distributed Mission Operations (DMO) capable, high-fidelity simulator for Special Warfare airmen, to include TACP, ST/CCT, Joint Terminal Attack Controller (JTAC) operations and ASOC operations. JTC TRS is essential to provide initial training, mission qualification training, continuation training, and currency control requirements to JTACs and Special Tactics personnel. JTAC control training requirements exceed the ability of live-fly aircraft to meet, and JTC TRS is the only capability enabling JTACs to achieve and maintain minimum required training for both qualification and proficiency in accordance with the U.S and Partner Nation Memorandum of Agreement for JTAC certification and		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0207457F <i>I Air Force Special Warfare (SPECWAR)</i>
qualification. The JTC TRS Program provides research and development to facilitate interoperability with joint and sister Service air-ground simulation using industry standards. JTC TRS will provide the capability to network aircrew full mission trainers and training centers in a live-virtual-constructive network. This development effort will also integrate ASOCs with the Joint Theater Air Ground Simulation System (JTAGSS) trainer for Joint Fires integration. The simulator will supplement live field training and live-fly sorties to provide realistic introductory, proficiency, currency, and upgrade training in a simulated battlefield, disaster, or humanitarian relief environment. JTAGSS is a continuation of the ASOC simulation trainer initially funded in 2009 and complements the JTC TRS trainer by providing a total air-ground constructive simulation environment for integrated networked training and mission rehearsal capability that will develop TACP/CCT/JTAC and ASOC/Special Operations Forces (SOF) C2 battle staff skills. JTAGSS will provide the ASOC, SOF, and TACP with the vertical and horizontal C2 communications and coordination training and mission rehearsal required for mission effectiveness. There are insufficient exercises and live training events available to meet mandated readiness requirements. The system will include a secure network connection, a constructive simulation environment generator with sharable databases, computer workstations that have synthetic reflex agent applications for each ASOC/SOF crew position to execute the Air Tasking Order. FY2026 funding will continue development of AI-based Reflex Agent Manager/Role Player and both the development and integration of WARHAWK into JTAGSS Command and Control Trainers to implement the Joint Air Ground Integration Center (JAGIC). FY2024 and FY 2025 funding for BA 07 Project 0207457F for Guardian Angel (675352), Special Tactics/Combat Control (ST/CC) (675138), Tactical Air Control Party-Modernization (TACP-M)(676013) and Air Force Special Warfare-TACP (AFSPECWAR-TACP)(675234) BPACs can be found in BA 07 Projects 0207522F, 0408011F, 0207444F, and 0207148F respectively. The FY 2026 request was reduced by \$.620 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." This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0207457F I Air Force Special Warfare (SPECWAR)			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	27.526	0.000	27.526
Total Adjustments	0.000	0.000	27.526	0.000	27.526
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	27.526	0.000	27.526
Change Summary Explanation					
PE 0207457F has no FY24 and FY25 data. FY24 and FY 25 funding for BA 07 Project 0207457F for Guardian Angel (675352), Special Tactics/Combat Control (ST/CC) (675138), Tactical Air Control Party-Modernization (TACP-M)(676013) and Air Force Special Warfare-TACP (AFSPECWAR-TACP)(675234) BPACs can be found in BA 07 Projects 0207227F, 0408011F, 0207444F, and 0207148F respectively.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 675138 / ST System 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
675138: ST System Development	0.000	0.000	0.000	9.622	0.000	9.622	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Special Tactics (ST)/Combat Control (ST/CC) is a human-based weapon system, comprised of both human and equipment capabilities formulated to provide the Air Force and Joint Force with support across the following missions: Global Access, Precision Strike, and PR; with additional focus on EMSO, Counter-Unmanned Aircraft Systems (UAS), and Ground-based Suppression of Enemy Air Defenses (SEAD). ST is employed by Air Force Special Operations Command (AFSOC) across two distinct operator specialties: Combat Control, and Special Reconnaissance.

Special Warfare Acquisition, Growth and Refresh (SWAGR) is the program of record to develop, integrate, test, procure and field the latest technology and equipment across a wide range of capabilities to ensure AFSPECWAR ST operators can achieve the mission sets outlined above. Specifically, SWAGR delivers modernized capability in the areas of body-worn hardware/software, tactical communications, ground mobility, small UAS, visual augmentation, maritime, special reconnaissance, technical recovery, and assault zones.

FY2026 Funding will provide for continued software development and modernization of the body-worn kit to enhance situational awareness, communication, information management, and airpower integration for ST operators in the battlespace. These enhancements will improve the ability recognize, identify, range, nominate, and designate targets during both day and night operations. Improvements will also significantly reduce the time required to find, track, fix targets, and engage the enemy by attacking adversary signals of interest, providing highly accurate target grid coordinates in three dimensions, generating target imagery both pre- and post-strike, and transmitting target data to C2 centers. Funding will also provide for the development and test of emerging technology, and the integration of the latest mature technology into the ST weapon system to conduct mission essential tasks.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$1.320M was expended for civilian pay expenses in this program element, and in FY 2025 \$1.488M is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: SWAGR	0.000	0.000	9.622	0.000	9.622
Description: Special Warfare Acquisition Growth and Refresh (SWAGR) is the program of record to develop, integrate, test, procure and field the latest technology and equipment across a wide range of capabilities in the areas of body-worn hardware/ software, tactical communications, ground mobility, small UAS, visual					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)		Project (Number/Name) 675138 / ST System Development		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
augmentation, maritime, special reconnaissance, technical recovery, and assault zones. SWAGR provides for the development and test of emerging technology, and the integration of the latest mature technology into the Special Tactics (ST) weapon system to conduct mission essential tasks such as improving support to Global Access (through Assault Zone operations and surveys), Precision Strike, PR, Counter-Space, Counter-UAS Operations, Ground-based SEAD, EMSO (to include awareness/defensive/offensive capabilities), and any other ST capability needs. FY 2025 Plans: FY2025 Plans can be found in PE 0408011F FY 2026 Base Plans: - Will continue to develop software and modernize the body-worn kit to enhance situational awareness, communication, information management, and airpower integration for ST operators in the battlespace - Will continue to perform testing for ST systems to support full spectrum certification, JITC, AFSIT, and ATO approvals - Will continue to research, develop, integrate and test capabilities for sensing (passive and active) enemy activity within the electromagnetic spectrum and jamming effectiveness, Low Probability of Intercept/Detection (LPI/LPD), Small UAS comm relay systems, ground-based SEAD, and any other emerging ST requirements - Will continue to study requirements to address future capability gaps - Will continue to transition emerging technologies to advance ST capabilities FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: - Slight increase in funding allows for the purchase of a test asset to support a ground-based Suppression of Enemy Air Defenses (SEAD) capability. FY25 Plans can be found in PE 0408011F.						
Accomplishments/Planned Programs Subtotals		0.000	0.000	9.622	0.000	9.622

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 675138 / ST System 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
• OPAF 04 842990: Personal Safety and Rescue Equipment	2.469	5.058	4.599	-	4.599	-	-	-	-	-	-
• OPAF 03 837100: Tactical C-E Equipment	17.256	24.814	20.335	-	20.335	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
Special Warfare Acquisition Growth and Refresh (SWAGR) awarded a competitive Systems Engineering and Integration contract in May FY 2023 to continue development and modernization of the software on the body worn kit from the prior machine-to-machine (M2M) software development contract.											
This effort includes system engineering, design, integration, and fielding support for M2M software. The above efforts may change based on the need to support current Air Force mission requirements. Program management for the SWAGR program is under direction of the Program Executive Office Intelligence, Surveillance, Reconnaissance (ISR) and Special Operations Forces (SOF), Air Force Life Cycle Management Center (AFLCMC) Air Force Materiel Command, at Wright-Patterson Air Force Base, Ohio. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)						Project (Number/Name) 675138 / ST System Development					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
ST System Development	C/Various	Various : Various	-	-		-		2.710	Dec 2025	-		2.710	-	-	-		
Systems Engineering and Integration	C/CPFF	General Dynamics IT : Dayton, OH	-	-		-		3.960	Oct 2025	-		3.960	-	-	-		
Subtotal			-	-		-		6.670		-		6.670	-	-	N/A		
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Direct Cite Civilian Pay	WR	TBD : WPAFB, OH	-	-		-		1.420	Oct 2025	-		1.420	-	-	-		
DCA Civilian Pay	WR	TBD : Hurlburt Field, FL	-	-		-		0.882	Oct 2025	-		0.882	-	-	-		
Subtotal			-	-		-		2.302		-		2.302	-	-	N/A		
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Test Agency Support	Various	46 TS : Eglin AFB, FL	-	-		-		0.250	Jan 2026	-		0.250	-	-	-		
Subtotal			-	-		-		0.250		-		0.250	-	-	N/A		
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Program Support Costs	Various	Various : Various	-	-		-		0.400	Dec 2025	-		0.400	-	-	-		
Subtotal			-	-		-		0.400		-		0.400	-	-	N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 675138 / ST System 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	-	-		-		9.622		-		9.622	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)		Project (Number/Name)	
3600 / 7		PE 0207457F / Air Force Special Warfare (S PECWAR)		675138 / ST System Development	

	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
ST System Development																												
SWAGR																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 675138 / ST System Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ST System Development				
SWAGR	1	2024	4	2030

Note
This is not a new start. Previous funding reported in BA 07 Project 0408011F

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 675234 / TACP Support			
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
675234: TACP Support	0.000	0.000	0.000	4.108	0.000	4.108	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

a. The Joint Terminal Control Training and Rehearsal (JTC TRS) Program, under the Tactical Airborne Control System, funds development necessary to provide a Distributed Mission Operations (DMO) capable, high-fidelity simulator for Special Warfare airmen, to include TACP, ST/CCT, Joint Terminal Attack Controller (JTAC) operations and ASOC operations.

JTC TRS is essential to provide initial training, mission qualification training, continuation training, and currency control requirements to JTACs and Special Tactics personnel. JTAC control training requirements exceed the ability of live-fly aircraft to meet, and JTC TRS is the only capability enabling JTACs to achieve and maintain minimum required training for both qualification and proficiency in accordance with the U.S and Partner Nation Memorandum of Agreement for JTAC certification and qualification.

The JTC TRS Program provides research and development to facilitate interoperability with joint and sister Service air-ground simulation using industry standards. JTC TRS will provide the capability to network aircrew full mission trainers and training centers in a live-virtual-constructive network. This development effort will also integrate ASOCs with the Joint Theater Air Ground Simulation System (JTAGSS) trainer for Joint Fires integration. The simulator will supplement live field training and live-fly sorties to provide realistic introductory, proficiency, currency, and upgrade training in a simulated battlefield, disaster, or humanitarian relief environment.

b. JTAGSS is a continuation of the ASOC simulation trainer initially funded in 2009 and complements the JTC TRS trainer by providing a total air-ground constructive simulation environment for integrated networked training and mission rehearsal capability that will develop TACP/CCT/JTAC and ASOC/Special Operations Forces (SOF) C2 battle staff skills. JTAGSS will provide the ASOC, SOF, and TACP with the vertical and horizontal C2 communications and coordination training and mission rehearsal required for mission effectiveness. There are insufficient exercises and live training events available to meet mandated readiness requirements. The system will include a secure network connection, a constructive simulation environment generator with sharable databases, computer workstations that have synthetic reflex agent applications for each ASOC/SOF crew position to execute the Air Tasking Order.

FY2026 funding will continue development of AI-based Reflex Agent Manager/Role Player and both the development and integration of WARHAWK into JTAGSS Command and Control Trainers to implement the Joint Air Ground Integration Center (JAGIC). Funds may be used to address emerging and short notice Diminishing Manufacturing Sources and Material Shortage (DMSMS) issues. DMS efforts to include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards initiative.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 0.000M was expended for

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025							
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)		Project (Number/Name) 675234 / TACP Support							
civilian pay expenses in this program element, and in FY 2025 0.000M is forecast for civilian pay expenses in this program element.											
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total					
Title: JTC TRS Trainer Development		0.000	0.000	4.108	-	4.108					
Description: Development and Test of Engineering Change Proposals for Tactical Air Control Party (TACP)- Close Air Support System (CASS)											
FY 2025 Plans: FY2025 plans can be found in PE 0207418F											
FY 2026 Base Plans: -Development and test of Project Jericho Joint Terminal Control Training and Rehearsal System (JTC TRS) Modernizations -Development and test of an AI-based Random Asset Manager/Role Player capability for JTC TRS and Joint Theater Air-Ground Simulator System (JTAGSS) Devices -Development, test, and integration of WARHAWK into JTAGSS Devices											
FY 2025 to FY 2026 Increase/Decrease Statement: FY 2026 increased from FY 2025 by 2.675M to support the development and integration efforts of WARHAWK into JTAGSS Devices, and development and test of an AI based Random Asset Manager/ Role Player capability for JTC TRS and JTAGSS devices											
FY24 and FY 25 funding for BA 07 Project 0207457F related to 675234 can be found in BA 07 Projects 0207418F											
Accomplishments/Planned Programs Subtotals		0.000	0.000	4.108	-	4.108					
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
• OPAF 03 837100: Tactical C-E Equipment	3.155	3.620	3.645	-	3.645	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 675234 / TACP Support
D. Acquisition Strategy The Joint Terminal Control Training and Rehearsal System (JTC TRS) acquisition has provided full capability as defined in the Capability Production Document (CPD). A Full and Open competitive source selection was conducted and resulted in the award of a single contract to produce and sustain the JTC TRS family of systems. The contract includes pre-priced production options for additional JTC TRS production, Emulated Military Equipment (EME) program management, cybersecurity support, Contractor Logistic Support (CLS), Training System Support Center (TSSC) for both JTC TRS and JTAGSS devices, training, and device relocation. The contract structure allows for maintaining concurrency, fidelity and connectivity; implementing system improvements/technical refresh; and other modifications as required. JTC TRS awarded the competitive contract in June 2021. b. The acquisition strategy for the JTAGSS trainer will be to field advance technology demonstration units to continue to perform proof of concept and technology validation of mission simulations for all Air Support Operations Center (ASOC) crew positions including detailed communications planning, asset deconfliction, integration of joint fires, and other critical mission areas required for integrated Tactical Air Control Party/Air Support Operations Center (TACP/ASOC) Command and Control (C2) mission success. At the completion of the technology validation, a contract will be competitively awarded to complete JTAGSS development, deployment and integration. Current software is Government or Commercial Off-the-Shelf technologies (GOTS/COTS) allowing almost any training technology development company to compete, which lowers technical risk, schedule risk, and cost.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)						Project (Number/Name) 675234 / TACP Support			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Not specified.	TBD	Not specified. : TBD	-	-		-		3.958	Mar 2026	-		3.958	-	-	-
Subtotal			-	-		-		3.958		-		3.958	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Not specified.	C/Various	Not specified. : TBD	-	-		-		0.150	Feb 2026	-		0.150	-	-	-
Subtotal			-	-		-		0.150		-		0.150	-	-	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			-	-		-		4.108		-		4.108	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025			
Appropriation/Budget Activity								R-1 Program Element (Number/Name)								Project (Number/Name)			
3600 / 7								PE 0207457F / Air Force Special Warfare (S PECWAR)								675234 / TACP Support			
								FY 2024				FY 2025				FY 2026			
								1	2	3	4	1	2	3	4	1	2	3	4
JTC TRS Development																			
Development and Test TACP Engineering Change Proposals																			

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 675234 / TACP Support

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JTC TRS Development				
Development and Test TACP Engineering Change Proposals	1	2026	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 675352 / Guardian Angel RDT&E			
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
675352: Guardian Angel RDT&E	0.000	0.000	0.000	1.758	0.000	1.758	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Guardian Angel (GA) is a Family of Systems (FoS) based in both human and equipment capabilities formulated to execute Air Force Personnel Recovery (PR) across the full spectrum of military operations. The GA FoS is employed by three distinct Air Force specialties: Pararescuemen (PJ), Combat Rescue Officer (CRO), and Survival, Evasion, Resistance, Escape (SERE) and is comprised of nine critical mission areas: Precision Aerial Insertion, Information Management, Force Application, Visual Augmentation, Maritime Recovery, Ground Mobility, Technical Rescue, Medical, and SERE.												
In order to stay aligned with with OSD Focus Area Command and Control (C2), logistics mobility (land/water), FY2026 funding will be used to obtain significant improvements in operational capability and develop items within the GA FoS to include but not limited to: Maritime Recovery (open ocean boat), Ground Mobility, Technical Recovery, Precision Aerial Insertion (cargo & personnel parachutes), Medical (Simulators), Information Management, SERE, Visual Augmentation (night vision, augmented reality) and Force Protection. The GA weapon system development/Innovation activities also include studies, analysis, requirements development and developmental testing to support both current and future program planning and execution, quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs. Funding will deliver enhanced capability for the dismounted GA Operators in terms of dramatic weight reduction, standardization of items across units, and increased mission effectiveness across the conflict spectrum.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.443M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.361M is forecast for civilian pay expenses in this program element.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Title: Guardian Angel Family of Systems (FOS)							0.000	0.000	1.758	-	1.758	
Description: Standardize, modernize and develop additional capability for the Guardian Angel (GA) weapon system used by Combat Rescue Officers and Pararescue men. Development efforts provide enhanced and improved capabilities for execution of Air Force combat search and rescue and personnel recovery. This weapon system is utilized across the full spectrum of Personnel Recovery (PR) military operations to include patient treatment, extrication, surface/underwater search and recovery, airborne infil/exfil, and ground recovery operations and Survival, Evasion, Resistance, Escape (SERE).												
FY 2025 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)			Project (Number/Name) 675352 / Guardian Angel RDT&E				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY25 plans can be found in PE 0207227F											
FY 2026 Base Plans: - Will continue to complete studies, strategic planning, and test development activities for increased capability - Will continue necessary software upgrades to Special Warfare Assault Kit (SWAK) information management system - Will conduct testing for SECAF OI & OSD Focus Area for Resilient Basing (Agile Combat Employment). - Will conduct development and system enhancements on existing and future systems by incorporating test feedback and user inputs into subsequent iterations for improved capability and human systems integration - Will meet with AFRL periodically to monitor ongoing RDT&E efforts and determine the best use of such funds											
FY 2025 to FY 2026 Increase/Decrease Statement: Increase to funding allows for the additional software development and testing for the SWAK information management system											
FY2025 funding for 675352 can be found in PE 27227F											
Accomplishments/Planned Programs Subtotals							0.000	0.000	1.758	-	1.758
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
• OPAF 02 823230: Security And Tactical Vehicles	0.268	0.301	0.000	-	0.000	-	-	-	-	-	-
• OPAF 04 842990: Personal Safety and Rescue Equipment	24.484	25.841	24.434	-	24.434	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
The GA program was established in 2010 and entered the O&S phase of acquisition. Mission equipment is replaced both by attrition and by modernization needs identified in new requirements documents, driven by evolving mission needs, Joint and Air Force priorities and directives. Program priorities are: increased capability over legacy equipment, standardization across the force for reduced logistics footprint, improved interoperability and training, and reducing the Size/Weight/and Power (SWAP) of mission equipment for improved suitability for the dismounted operator. Reduced SWAP is a shared requirement across the entire SW community, and											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 675352 / Guardian Angel RDT&E
common solutions are developed and procured for GA, SWAGR and TACP programs through the Special Warfare Program office, reducing cost and increasing interoperability.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)					Project (Number/Name) 675352 / Guardian Angel RDT&E				
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development	C/CPAF	Various : Various	-	-		-		0.050	Jan 2026	-		0.050	-	-	-
Systems Engineering and Integration (SE&I)	Various	Various : Various	-	-		-		1.308	Apr 2026	-		1.308	-	-	-
Subtotal			-	-		-		1.358		-		1.358	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Direct Cite Civilian Pay	WR	TBD : WPAFB, OH	-	-		-		0.400	Oct 2025	-		0.400	-	-	-
Subtotal			-	-		-		0.400		-		0.400	-	-	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			-	-		-		1.758		-		1.758	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity										R-1 Program Element (Number/Name)									
3600 / 7										PE 0207457F / Air Force Special Warfare (S PECWAR)									
										Project (Number/Name)									
										675352 / Guardian Angel RDT&E									

	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
Events By Sub Project																												
Information Management Software																												
Test Activities																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 675352 / Guardian Angel RDT&E	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Events By Sub Project				
Information Management Software	1	2024	4	2030
Test Activities	1	2024	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 676013 / Equipment Modernization			
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
676013: Equipment Modernization	0.000	0.000	0.000	12.038	0.000	12.038	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Air Force Special Warfare (AFSPECWAR) Tactical Air Control Party (TACP) Weapon System executes precision strike, integration, and all-domain command and control missions to meet Air Force power projection for the joint force's expanded maneuver. They do this by providing joint force air component commanders with a highly trained force that operates at the tactical edge in highly contested environments and complicates enemy decision-making processes. TACP Airmen plan, request, advise, and control joint fires and air power to meet multinational operations and supported Combatant commander's objectives.

The purpose of Tactical Air Control Party - Modernization (TACP-M) programs are to provide TACPs with modernized voice, data, and video communications, including diverse waveforms and software, advanced targeting equipment, and enhanced battlefield awareness/management capabilities across all domains. Improved targeting and data communications capabilities improve kill chain timelines, defeat adversary systems through opening and closing kill webs, extended critical networks to the forward edge, and when required reduce the probability of fratricide or collateral damage. TACP-M programs support include addressing frequent TACP combat deployments that sometimes lead users to change equipment procurement priorities to support urgent operational needs and respond to evolving threat environments. TACP-M programs jointly develop and procure software and hardware with other AFSPECWAR programs to consolidate requirements that are common across the AFSPECWAR enterprise. This teaming arrangement helps standardize equipment, improves efficiency by consolidating acquisition efforts, enabling a common baseline, and reducing overall costs.

TACP-M programs provide and modernize capabilities in the following five major areas: (1) Air Support Operations Center (ASOC)/Tactical Operational Center (TOC) systems; also known as TACP Command and Control and communications (C3) (used in static, mobile and maneuverable operations centers), (2) Vehicle Mounted Systems (used in tactical vehicles) and for On-The-Move and At-The-Halt operations, (3) Dismounted Systems (used by TACPs in wearable configurations), (4) Joint all-Domain Command and Control (JADC2) software, and (5) Support distributed and resilient ground-based command and control teams that leverage airpower within the Theater Air Control System. To ensure survivable and effective C3 capabilities, TACP needs to develop equipment capable of sensing (passive and active) enemy activity within the electromagnetic environment and deliver non-kinetic effects through ground-based jamming EMSO awareness, develop and integrate a Wide Area Infrared System (WAIS) which will provide a 24/7 360 degree infrared imaging capability covering critical areas utilizing artificial intelligence for threat detection, High Capacity Beyond Line of Sight (BLOS) Baseband Backhaul (BB/BH) and other communications support equipment, advanced defined waveforms (Low Probability of Intercept/Low Probability of Detection (LPI/LPD)); network architecture to move data across elements & echelons and Small Unmanned Aircraft System (sUAS) for force protection and network extension.

FY2026 funding will allow for the continued development of TACP Mission Software, WARHAWK and Special Warfare Assault Kit (SWAK)/Tactical Assault Kit (TAK) software Tactical Laser Communications capabilities, other JADC2 network enabling software applications and suites, EMSO and BLOS BB/BH. The CASS 1.4.5 program (to be renamed to "TACP Mission Software") includes the WARHAWK and SWAK software programs modernizing the software used in Command, Control,

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025				
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)		Project (Number/Name) 676013 / Equipment Modernization				
Communications and Cybersecurity (C4) processing systems for ASOC/TOC (TACP C2) operations, as well as vehicle Mounted and Dismounted operations. The software will allow enhanced capability and seamless communication between the operations centers and the TACP military units in high combat areas. The Tactical Laser Communications project includes the development of a Portable Optical Communication Terminal prototype, providing a Low Probability of Intercept/Low Probability of Detection, highly anti-jammable communication capability. The Tactical Laser Communications project also includes the development of supporting Tactical networks, enabling global access into the Department of Defense information Network, ensuring diverse and resilient pathways for data transmission for TACP military units in remote locations.								
TACP-M funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs such as but not limited to Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs.								
Items requested in FY2026 as identified in this Exhibit are representative but not limited to the items to be developed. Items developed during execution may change based on critical equipment needed to support current Air Force mission requirements.								
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.000M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000M is forecast for civilian pay expenses in this program element.								
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Software CASS 1.4.5 (program name to be changed to Mission Software), WARHAWK and SWAK/TAK				0.000	0.000	12.038	-	12.038
Description: The Close Air Support System (CASS) 1.4.5 (program name to be changed to "TACP Mission Software") WARHAWK and SWAK/TAK software program will modernize the software used in Command, Control, Communications and Cybersecurity (C4) processing systems for ASOC/TOC (TACP C2) operations, as well as vehicle Mounted and Dismounted operations. The software will allow enhanced capability and seamless communication between the operations centers and the TACP military units in high contested areas.								
FY 2025 Plans: FY2025 plans for 676013 can be found in PE 0207444F								
FY 2026 Base Plans: -Will continue agile software development with at least quarterly software releases across TACP systems. -Will continue testing software releases, as applicable -Will continue to support development/fielding of Special Warfare Assault Kit (SWAK)/Tactical Assault Kit (TAK) and other Dismounted Special Warfare software								

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)				Project (Number/Name) 676013 / Equipment Modernization			
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
-Will continue TACP common software architecture for further development to meet other Special Warfare airman operational needs -Will continue to integrate WARHAWK with ASOC/TOC (TACP C2) software acquisition -Will continue to integrate and test software data communications interfaces with C2 Nodes, Close Air Support (CAS) aircraft, Army Tactical Network (ATN), Soldier Radios Waveform (SRW) networks, Theater Battle Management Core Systems (TBMCS), and Mobile User Objective System (MUOS) Satellite communications (SATCOM) networks to enhance interoperability between TACPs and other joint warfighters -Will conduct investigations, studies, assessments, and development/integration to provide additional features (capabilities) for the software, EMS and BLOS BB/BH -Will continue to develop the Portable Optical Communication Terminal prototype -Will continue to develop, install, and integrate the Tactical Laser Comms, Tactical Grid Boundaries FY 2025 to FY 2026 Increase/Decrease Statement: FY2025 to FY2026 increase is to support Tactical network activities FY2025 plans for 676013 can be found in PE 0207444F											
Accomplishments/Planned Programs Subtotals							0.000	0.000	12.038	-	12.038
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
• OPAF 03 837100: Tactical C-E Equipment	32.119	51.076	53.697	0.000	53.697	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
WARHAWK follow-on contract continues activities through FY2030.											
The Air Support Operations Center (ASOC)-Mod (also Known as TACP C2) effort will continue to modernize fielded ASOC/Tactical Operational Center (TOC) software capabilities by developing enhanced communications capabilities.											
The SWAK/TAK Dismounted software awarded the follow-on Systems Engineering and Integration (S&EI) contract in May 23, which continues agile development and deployment through FY 2033.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 676013 / Equipment Modernization
The Air Force Life Cycle Management Center (AFLCMC) located at Wright-Patterson AFB, OH is the contracting authority for the TACP-M program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)						Project (Number/Name) 676013 / Equipment Modernization					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
(TAK/SWAK) SoftwareDev Dismounted	Various	GDIT : Dayton, OH	-	-		-		3.408	Nov 2025	-		3.408	-	-	-		
WARHAWK Software System Dev Mounted ATM	C/CPAF	GDIT : Dayton, OH	-	-		-		5.803	Mar 2026	-		5.803	-	-	-		
WARHAWK Software NSWC, Crane (Naval Surface Warfare Center)	MIPR	NSWC Crane : Crane, IN	-	-		-		1.086	Jan 2026	-		1.086	-	-	-		
Subtotal			-	-		-		10.297		-		10.297	-	-	N/A		
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Test Agency Support	PO	Various : Multiple, FL	-	-		-		0.635	Apr 2026	-		0.635	-	-	-		
Test Agency Support - Other	Various	Not specified : Multiple, FL	-	-		-		0.001		-		0.001	-	-	-		
Subtotal			-	-		-		0.636		-		0.636	-	-	N/A		
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Program Support Costs (PSC)	Various	Various : TBD	-	-		-		1.105	May 2026	-		1.105	-	-	-		
Subtotal			-	-		-		1.105		-		1.105	-	-	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			-	-		-		12.038		-		12.038	-	-	N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force							Date: June 2025			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)		Project (Number/Name)				
3600 / 7				PE 0207457F / Air Force Special Warfare (S PECWAR)		676013 / Equipment Modernization				
	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 (TAK/SWAK) Software Dev Dismounted: FY 2025-2033 provides funding to complete all approved/backlog development items and initial Cyber & Electronic Warfare integration/development WARHAWK System Dev. Mounted ATM: FY 2025 is the Re-compete for WARHAWK; FY 2025-FY 2026 will be for any approved backlog development										

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)										Project (Number/Name) 676013 / Equipment Modernization									

	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
WARHAWK Close Air Support System (CASS)																												
DACAS (SWAK/TAK) Software (all versions) Design, Development, Testing and Fielding																												
DACAS (WARHAWK) ATM Software (all versions) Design, Development, Testing and Fielding																												
Tactical Laser Communications - Development, Prototyping and Testing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207457F / Air Force Special Warfare (S PECWAR)	Project (Number/Name) 676013 / Equipment Modernization	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
WARHAWK Close Air Support System (CASS)				
DACAS (SWAK/TAK) Software (all versions) Design, Development, Testing and Fielding	1	2024	4	2030
DACAS (WARHAWK) ATM Software (all versions) Design, Development, Testing and Fielding	1	2024	4	2030
Tactical Laser Communications - Development, Prototyping and Testing	4	2024	2	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207521F I Air Force Calibration Programs							
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	0.000	2.172	2.223	2.273	0.000	2.273	-	-	-	-	-	-
673326: Precision Measurement & Calibration	0.000	2.172	2.223	2.273	0.000	2.273	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program develops, tests, and evaluates national and Air Force measurement standards (hardware) and calibration equipment in support of all Air Force programs and activities, including Precision Measurement Equipment Laboratories (PMELs) worldwide. Metrology research and development provides technology to support systems in all phases of development and acquisition, as well as Air Force R&D laboratories, test ranges, ground test facilities, and operational weapons systems support. Rapidly changing technology requires continuing research and development of measurement standards and calibration equipment to ensure modern weapon systems meet Air Force readiness objectives. This program addresses all metrology disciplines and includes the technology areas of laser, infrared, microwave, millimeter wave, optical, physical, mechanical, electrical, electronic, and ionizing radiation measurements. Metrology is a technical discipline devoted to the science of measurements and to the study and improvement of measurement technology. Measurements are the foundation of military system development, quality assurance, hardware conformance testing and system readiness tests. The integrity of these tests is assured through calibration and traceability assurance schemes.

The capability to measure and calibrate must parallel the emergence of new technology, new ranges, and new capabilities of military systems. Lack of new measurement capability impedes or blocks the successful exploitation of new technologies, especially in the movement from development laboratory to production to deployment. R&D efforts are essential within the DoD to pace these requirements, otherwise, these same new systems will suffer time delays, excessive cost, and increased risk due to unreliable test results in all phases of development, production, deployment and operation.

This program element may include necessary civilian pay expenses required to manage, execute and deliver Air Force Calibration capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, 0605898F, and 0605833F. In FY24 \$0K was expended for civilian pay expenses in this program element and in FY25 \$175K is forecasted for civilian pay expenses in this program element.

Program is managed by Air Force Materiel Command, Agile Combat Support Directorate, Air Force Metrology Division (WNM).

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207521F I Air Force Calibration Programs				
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		2.172	2.223	2.281	0.000	2.281
Current President's Budget		2.172	2.223	2.273	0.000	2.273
Total Adjustments		0.000	0.000	-0.008	0.000	-0.008
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		0.000	0.000	-0.008	0.000	-0.008
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Weapons System Measurement Standards				0.450	0.462	0.466
Description: Develop national measurement standards to support Air Force infared / laser / electro-optical weapon systems and support equipment.						
FY 2025 Plans: Continue development of national measurement standards to support Air Force infared / laser / electro-optical weapon systems and support equipment.						
FY 2026 Plans: Continue development of national measurement standards to support Air Force infared / laser / electro-optical weapon systems and support equipment.						
FY 2025 to FY 2026 Increase/Decrease Statement: Increase to Salary costs.						
Title: Electrical Measurements				0.436	0.449	0.451
Description: Develop Standards for electrical measurements to support high accuracy electronic test equipment.						
FY 2025 Plans: Continue development of standards for electrical measurements to support high accuracy electronic test equipment.						
FY 2026 Plans:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0207521F <i>I Air Force Calibration Programs</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Continue development of standards for electrical measurements to support high accuracy electronic test equipment.				
FY 2025 to FY 2026 Increase/Decrease Statement: Increase to Salary costs				
Title: Calibration Standards Description: Develop improved calibration standards to support physical, mechanical, and electro-mechanical support equipment. FY 2025 Plans: Continue to develop improved calibration standards to support physical, mechanical, and electro-mechanical support equipment. FY 2026 Plans: Continue to develop improved calibration standards to support physical, mechanical, and electro-mechanical support equipment. FY 2025 to FY 2026 Increase/Decrease Statement: Project focus shifted to Development of Self-Calibrating Equipment		0.692	0.308	0.312
Title: Radar Support/Communications Description: Develop standards for radar support, RF communication, and radar cross section range measurements. FY 2025 Plans: Continue to develop standards for radar support, RF communication, and radar cross section range measurements. FY 2026 Plans: Continue to develop standards for radar support, RF communication, and radar cross section range measurements. FY 2025 to FY 2026 Increase/Decrease Statement: Salary increases.		0.594	0.604	0.601
Title: Development of Self Calibrating Equipment Description: Development of self-calibrating, quantum-based calibration standards for all calibration domains. FY 2025 Plans: Temperature, Air Data ongoing projects FY 2026 Plans:		0.000	0.400	0.443

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207521F I Air Force Calibration Programs		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Tempurature, Air Data ongoing projects				
FY 2025 to FY 2026 Increase/Decrease Statement: Emerging R&D focus				
Accomplishments/Planned Programs Subtotals		2.172	2.223	2.273
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy Primarily accomplished through intergovernmental transfer between the Department of Defense and other Federal Departments.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207521F / Air Force Calibration Programs				Project (Number/Name) 673326 / Precision Measurement & Calibration					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
National Institute of Standards and Technology	MIPR	AFMETCAL : Heath, OH	-	1.598	Oct 2023	1.622	Oct 2024	2.273	Oct 2025	-		2.273	-	-	-
Department of Defense	MIPR	AFMETCAL : Heath, OH	-	0.052	Oct 2023	0.062	Oct 2024	-		-		-	-	-	-
Industry	Various	AFMETCAL : Heath, OH	-	0.522	Oct 2023	0.539	Oct 2024	-		-		-	-	-	-
Subtotal			-	2.172		2.223		2.273		-		2.273	-	-	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			-	2.172		2.223		2.273		-		2.273	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0207521F / Air Force Calibration Progra ms		
			Project (Number/Name) 673326 / Precision Measurement & Calibration		

	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
Precision Measurement & Calibration																												
Precision Measurement & Calibration																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207521F / Air Force Calibration Progra ms	Project (Number/Name) 673326 / Precision Measurement & Calibration	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Precision Measurement & Calibration				
Precision Measurement & Calibration	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0207573F I National Technical Nuclear Forensics							
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	0.000	1.974	2.060	0.000	0.000	0.000	-	-	-	-	-	-
674881: Prompt Diagnostics	0.000	1.974	2.060	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This is an amendment, prior verbiage had this funding pointing to National Technical Nuclear Forensics [NTNF].

The United States Nuclear Detonation [NUDET] Detection System [USNDS] is the system used for the collection, analysis, and evaluation of signatures from NUDETS in the Atmosphere or Space. This funding is to integrate the data from the seconds and third Space and Atmospheric Burst Reporting System [SABRS] sensors into the Integrated Correlation and Display System [ICADS] and to develop algorithms, codes, and tools necessary to enable detailed Subject Matter Expert analysis of SABRS data.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY23 \$0 was expended for civilian pay expenses in this program element, and in FY24 \$0 is forecasted for civilian pay expenses in this program element

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>
Previous President's Budget	2.049	2.060	0.000	0.000	0.000
Current President's Budget	1.974	2.060	0.000	0.000	0.000
Total Adjustments	-0.075	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	-0.075	0.000	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207573F I National Technical Nuclear Forensics							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Title: ABRS 2/3 Integration/ Offline Tools Development										1.974	2.060	-
Description: Develop the algorithms, codes, and tools necessary to fully exploit the data collected by the SABRS-2 and SABRS-3 sensor suites located on geostationary hosts. This detection system records signals resulting from a nuclear detonations occurring in space. These event signature elements support weapon and event characterization analysis for the purposes of identifying the weapon classification, magnitude of the detonation [yield], and Reaction Time History [RTH] of the device. The unique signatures captured by these sensors provide undeniable evidence of NUDETs occurring in space.												
FY 2025 Plans: - Will finish SABRS -2/3 data integration into ICADS - Will Continue algorithm, code, and tool development necessary for SME analysis of SABRS data												
FY 2025 to FY 2026 Increase/Decrease Statement: No FY26 funding is required												
Accomplishments/Planned Programs Subtotals										1.974	2.060	-
D. 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	
• OPAF 03 Line Item 834320: National Technical Nuclear Forensics	3.786	7.177	7.379	-	7.379	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy Contract strategy still being assessed, historically contracted via MIPR.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207573F / National Technical Nuclear Forensics						Project (Number/Name) 674881 / Prompt Diagnostics			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Nuclear Forensics - Prompt Diagnostics	MIPR	National Laboratory : TBD	-	1.974	Mar 2024	2.060	Mar 2025	-		-		-	-	-	-
Subtotal			-	1.974		2.060		-		-		-	-	-	N/A
Remarks															
Kansas City Nuclear Security Campus will work with several National Laboratories for reachback/collaboration on efforts.															
			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			-	1.974		2.060		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0207573F / National Technical Nuclear Forensics										Project (Number/Name) 674881 / Prompt Diagnostics									

	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
SABRS Agorithm and Tool Development																												
Algorithm, Code, and Tool Development for SME Data Analysis																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207573F / National Technical Nuclear Forensics	Project (Number/Name) 674881 / Prompt Diagnostics

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
SABRS Agorithm and Tool Development				
Algorithm, Code, and Tool Development for SME Data Analysis	1	2024	4	2025

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207590F I Seek Eagle							
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	0.000	33.417	34.985	33.707	0.000	33.707	-	-	-	-	-	-
674037: SEEK EAGLE Certifications	0.000	33.417	34.985	33.707	0.000	33.707	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Air Force SEEK EAGLE Office (AFSEO) is designated by the Assistant Secretary of the Air Force (Acquisition, Technology, and Logistics) as the center of expertise for aircraft-store compatibility activities and as the primary source of technical analysis and test support, as well as the central data repository, for the SEEK EAGLE process. The SEEK EAGLE process is a rigorous analysis of many factors to assure the safe and acceptable carriage and release (employment and jettison), safe escape, and ballistics accuracy of all stores on Air Force and foreign military sales aircraft. Thus, the AFSEO's mission as an accelerator is to ensure that every aircraft type is capable of employing the weapons and stores needed to meet Combatant Commander requirements, directly supporting the Secretary of the Air Force's (SECAF) Operational Imperatives (OI), and Cross-cutting Operational Enablers (COE).

The Air Force operates a variety of combat and other aircraft that carry numerous and varied stores: bombs, missiles, rockets, fuel tanks, cargo pods, targeting pods, electronic countermeasures pods, etc. Stores are carried in many different loading combinations determined by operational and training scenarios, missions, tactics, and weapon development programs. Additionally, aircraft-store configuration (carriage and employment) requirements change as operational plans and tactics are updated and/or as new stores are developed and fielded. Aircraft program managers must provide SEEK EAGLE certifications for all aircraft-store configurations within their user-established carriage and employment parameters before they may be used for operations, test, or training. The AFSEO completes flight clearance and certification recommendations through any combination of engineering analysis, wind tunnel testing, modeling and simulation, and ground/flight test and evaluation. The SEEK EAGLE process encompasses eight engineering disciplines: Fit and Function, Flutter, Aircraft and Store Structural Integrity, Stability and Control, Electromagnetic Compatibility/Interference (EMC/EMI), Separations, Ballistics, and Safe Escape.

In support of certification, the AFSEO recommends approximately 1000 aircraft-store combinations for flight each year through engineering analysis and testing. The AFSEO certification portfolio includes the Next Generation Air Dominance (NGAD) Family of Systems and B-21, as well as the following Mission Design Series aircraft: A-10, B-1, B-2, B-52, F-15C/D/E/EX, F-16, QF-16, F-22, F-35, KC-135, WC-130, MC-130H, HH-60W, MH-139A, MQ-9, T-7A, AT-6, and more. Integrated solutions for combat delivery mission planning problems are developed and provided to combat forces via Combat Weapons Delivery Software (CWDS) and Joint Safe Escape Analysis Solution (JSEAS) software. The SEEK EAGLE Office also works in coordination with the Air Force Safety Center to provide Hazards of Electromagnetic Radiation to Ordnance (HERO) analysis and certification recommendations for ordnance systems containing electro-explosive devices. Additionally, the AFSEO is responsible for incorporating new and emerging technologies into the SEEK EAGLE process to make certification more efficient in support of rapid acquisition timelines, as well as resourcing for the sustainment of a viable Air Force aircraft-store certification capability.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207590F I Seek Eagle				
SEEK EAGLE funds are budgeted to support certification testing and analysis for new and inventory stores including, but not limited to: Small Diameter Bomb (SDB) I and II, Laser Joint Direct Attack Munitions (LJDAM), Joint Air-to-Surface Standoff Missile (JASSM), Long-Range Anti-Ship Missile (LRASM), Advanced Medium Range Air-to-Air Missile (AMRAAM), Miniature Air-Launched Decoy (MALD), BRU-57 (Smart Bomb Rack), BRU-61 (SDB Bomb Rack), Advanced Precision Kill Weapon System (APKWS), Sniper Targeting Pod with video data link, LITENING Targeting Pod with video data link, B61-12 nuclear free-fall weapon, penetrator warhead upgrades, practice bombs, electronic warfare pods, reconnaissance pods, and aircraft instrumentation pods. SEEK EAGLE funds also support certification of other inventory stores on Combat Air Forces (CAF) and Special Operations Command (SOCOM) aircraft. In addition, these funds further support capability development and weapons certification efforts required by Air Combat Command (ACC) to achieve Full Operational Capability (FOC) for the F-35A. Many of these weapons certification efforts are directly involved in SECAF OI-3, Moving Target Engagement, and all of them contribute to COE-1, Munitions. Additionally, many of the pods and other stores these funds support contribute directly to COE-2, Electromagnetic Spectrum.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24, 9.893M was obligated for civilian pay expenses in this program element, and 10.880M was forecasted for civilian pay expenses in FY25 in this program element.						
The FY26 request has been reduced by .034M 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."						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		33.478	34.985	35.861	0.000	35.861
Current President's Budget		33.417	34.985	33.707	0.000	33.707
Total Adjustments		-0.061	0.000	-2.154	0.000	-2.154
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.061	0.000			
• Other Adjustments		0.000	0.000	-2.154	0.000	-2.154
Change Summary Explanation						
Higher AF Priorities						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0207590F / <i>Seek Eagle</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Aircraft-Store Certification		2.693	3.894	3.125
Description: Evaluates aircraft-store compatibility through analysis of ground and flight test data. Supports procurement of test assets, such as instrumented weapons, and includes end-to-end tracking of MAJCOM requirements from user request to tech data fielding and operational flight program (OFP) updates. Provides certification recommendations to airworthiness authorities.				
FY 2025 Plans: Provide for USAF Air-to-Air and Air-to-Ground Munitions certification efforts, including towed decoys, ECM pods, chaff/flare countermeasures certification efforts, Airborne Instrumentation Systems pods, fuel tanks, and travel pods certification efforts. Provide CWDS upgrade support.				
FY 2026 Plans: -Continue to provide for USAF Air-to-Air and Air-to-Ground Munitions certification efforts, including towed decoys, ECM pods, chaff/flare countermeasures certification efforts, Airborne Instrumentation Systems pods, fuel tanks, and travel pods certification efforts. -Continue to provide CWDS upgrade support.				
FY 2025 to FY 2026 Increase/Decrease Statement: Decrease in FY 2026 for reduced certification efforts				
Title: Operations Baseline and Mission Support		24.381	22.843	22.518
Description: Supports the ability to rapidly meet emerging warfighter needs for global operations and other ongoing world-wide operations through sustainment of a viable Air Force aircraft-store certification capability.				
FY 2025 Plans: Support increased Air Force munition and aircraft capability requirements that drive infrastructure and resource capacity needs within the SEEK EAGLE enterprise.				
FY 2026 Plans: -Continue to support increased Air Force munition and aircraft capability requirements that drive infrastructure and resource capacity needs within the SEEK EAGLE enterprise.				
FY 2025 to FY 2026 Increase/Decrease Statement: Minor decrease due to fewer planned seek eagle certification tasks				
Title: Advanced Capability Development		2.455	3.458	3.180

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0207590F / <i>Seek Eagle</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Description: Provides resources to increase the Air Force SEEK EAGLE OFFICE (AFSEO) organic capabilities, to support advanced weapons such as hypersonic weapons and other classified weapons programs, as well as investing in the development of advanced modeling and analytical tools to make the SEEK EAGLE certification process more efficient in support of rapid acquisition timelines. These resources include, but are not limited to: artificial intelligence, modeling and simulation enhancements, wind tunnel model development, automated tool enhancements, information technology enhancements, and facility improvements. FY 2025 Plans: Complete development of the F-35 wind tunnel model, commence F-35 weapon certification partnership with Israeli Air Force, and support investments in other advanced modeling and simulation, automated tool and information technology enhancements. FY 2026 Plans: -Continue to complete development of the F-35 wind tunnel model -Continue to commence F-35 weapon certification partnership with Israeli Air Force -Continue to support investments in other advanced modeling and simulation, automated tool, and information technology enhancements FY 2025 to FY 2026 Increase/Decrease Statement: Decrease due to fewer planned F-35 certification efforts				
Title: Tools, Equipment, and Capability Sustainment Description: Supports development and sustainment of state-of-the-art engineering and business tools to support the SEEK EAGLE enterprise. Funding resources are required for operational management of existing information and technology infrastructure, hardware, software, and equipment. FY 2025 Plans: Develop and sustain state-of-the-art engineering and business tools to support the SEEK EAGLE enterprise. FY 2026 Plans: -Continue to develop and sustain state-of-the-art engineering and business tools to support the SEEK EAGLE enterprise. FY 2025 to FY 2026 Increase/Decrease Statement: Slight increase for state-of-the-art engineering and business tools		3.888	4.790	4.884
Accomplishments/Planned Programs Subtotals		33.417	34.985	33.707

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207590F / <i>Seek Eagle</i>	
D. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
E. Acquisition Strategy The SEEK EAGLE program is not an acquisition program in itself; instead it supports other acquisition programs, for both aircraft and weapons or other stores. For initial aircraft-weapons integration, the aircraft or weapon program office is responsible for budgeting and providing the test assets to the Air Force SEEK EAGLE Office (AFSEO) for the store certification requirements. For post-integration certification requirements, AFSEO funds are used to obtain the non-inventory test assets. In addition to the above highlights, budgeting responsibilities for AFSEO are delineated in Air Force Instruction 63-101/20-101, paragraph 5.4.22.1.3, dated 30 June 2020.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207590F / <i>Seek Eagle</i>				Project (Number/Name) 674037 / <i>SEEK EAGLE Certifications</i>					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AFSEO Mission and Planning Support (SEMATS)	C/CPFF	ERC : Ft. Walton Beach, FL	-	13.999	Nov 2023	13.012	Oct 2024	13.619	Oct 2025	-		13.619	-	-	-
F-35 Capabilities	C/CPFF	Lockheed Martin : Marietta, GA	-	0.195	Jan 2024	0.318	Jan 2025	0.235	Jan 2026	-		0.235	-	-	-
Multiple Fighter and Weapon Capability Support	C/Various	Multiple : Multiple	-	0.031	Mar 2024	0.075	Mar 2025	1.381	Mar 2026	-		1.381	-	-	-
F-16 Aero Sustainment	C/CPFF	Lockheed Martin : Fort Worth, TX	-	0.167	Oct 2023	0.176	Dec 2024	0.412	Dec 2025	-		0.412	-	-	-
Subtotal			-	14.392		13.581		15.647		-		15.647	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Flight Tests and Aircraft/Store Compatibility Analysis	PO	96th Test Wing : Eglin AFB, FL	-	15.984	Oct 2023	19.612	Oct 2024	14.250	Oct 2025	-		14.250	-	-	-
Wind Tunnel Model/Design and Testing	PO	Arnold Engineering Dev Complex : Arnold AFB, TN	-	1.742	Jan 2024	1.107	Jan 2025	3.125	Jan 2026	-		3.125	-	-	-
Subtotal			-	17.726		20.719		17.375		-		17.375	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
A&AS Support (TMAS)	C/CPFF	AFTC : Eglin AFB, FL	-	0.154	Oct 2023	0.458	Oct 2024	0.510	Oct 2025	-		0.510	-	-	-
Management Support	Various	Various : Various, FL	-	1.145	Oct 2023	0.227	Oct 2024	0.175	Oct 2025	-		0.175	-	-	-
Subtotal			-	1.299		0.685		0.685		-		0.685	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207590F / Seek Eagle					Project (Number/Name) 674037 / SEEK EAGLE Certifications				
	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	-	33.417		34.985		33.707		-		33.707	-	-	N/A	

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity
3600 / 7

R-1 Program Element (Number/Name)
PE 0207590F / Seek Eagle

Project (Number/Name)
674037 / SEEK EAGLE Certifications

	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
SEEK EAGLE																												
Aircraft-Store Certification																												
Operations Baseline and Mission Support																												
Advanced Capability Development																												
Tools, Equipment, and Capability Sustainment																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207590F / Seek Eagle	Project (Number/Name) 674037 / SEEK EAGLE Certifications	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
SEEK EAGLE				
Aircraft-Store Certification	1	2024	4	2030
Operations Baseline and Mission Support	1	2024	4	2030
Advanced Capability Development	1	2024	4	2030
Tools, Equipment, and Capability Sustainment	1	2024	4	2030

Note
Note: The SEEK EAGLE program supports both production stores on production aircraft and the planning for future acquisition program milestones without an anticipated end date. Current warfighter requirements trigger the SEEK EAGLE process for requested aircraft-store configurations, and work is completed in accordance with designated user priorities established through the SEEK EAGLE Prioritization List process.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207605F <i>I Wargaming and Simulation Centers</i>

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	0.000	11.894	0.000	0.000	0.000	0.000	-	-	-	-	-	-
672888: <i>Distributed Mission Operations Center (DMOC)</i>	0.000	11.894	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY2025, PE 0207605F, Wargaming and Simulation Centers, Project 672888, Distributed Mission Operations Center, efforts were transferred to PE 0207701F, Full Combat Mission Training, Project 672888, Distributed Mission Operations Center to meet higher priority AF Operational Readiness and Training efficiencies.

A. Mission Description and Budget Item Justification

In FY2026, no requirement.

In FY2025, no requirement.

In FY2024: The Distributed Mission Operations Center (DMOC) provides comprehensive Live, Virtual, and Constructive (LVC) simulation capabilities which prepare warfighters to conduct Joint All-Domain Command & Control (JADC2) operations in air, land, sea, space, and cyber domains for theater-level, full spectrum combat training for Air Force, joint service, and coalition partners. The DMOC training capabilities reach over 40 geographically separated Live, Virtual, and Constructive (LVC) locations across 17 time zones representing such assets as real-world weapon systems, operator-in-the-loop, and constructive or computer-driven simulations. DMOC is responsible for development and integration of scenarios, models, and databases and the integration of participating sites into Virtual Flag (VF) and other Distributed Mission Operations (DMO) training events via numerous network connections, DMOC-developed interoperability tools, and controlled interfaces in support of Air Force, joint, and coalition warfighter readiness. In addition, activities include DMO technology and capability studies/analyses which support both current and future program planning and execution by:

1. Distributed Mission Operations Capability/Battlespace Systems Development: The DMOC upgrades and enhances the capabilities of various systems, tools, and simulators to incorporate emerging technology and training requirements into DMO events, such as Virtual Flag (VF) and VF: Coalition (VF:C), to enhance the quality of warfighter training. Activities include Environment Generator development, DMO Tool Development, and Simulator Enhancement. DMOC is in partnership with the US Naval Air Warfare Center-Aircraft Division (NAWCAD) to enhance the capabilities of the Next Generation Threat System (NGTS). The NGTS is the primary environment generator for both Blue and Red Air in DMOC White Force. DMO Tool development includes: a) DMOC Replay Tool (DRT), which facilitates a more complete mission review and debrief capability of the exercises as more sites and systems are added to events; b) enhancement & improvement of the Distributed Interactive Simulation (DIS) Filter and the Doctor-J (Dr. J) tools to enable tactical datalinks to be communicated and translated between disparate simulator and operationally fielded (i.e. live aircraft) communication formats; c) Development of Intelligence, Surveillance, and Reconnaissance (ISR)/Battle Damage Assessment (BDA) to improve damage state models used by intelligence analysts in exercises; and d) development of solutions for integrating Contested Degraded Operations Gateway (CDOG, geographical and

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0207605F I Wargaming and Simulation Centers				
communications jamming) into DMO events; and simulator enhancement efforts to incorporate Mission Package standards upgrades into the Control and Reporting Center (CRC) Simulation Package (CSP) to allow a real-world system to be used as a simulator when needed in DMO events.						
2. Assessment & Authorization (A&A)/Software Certification: The DMOC supports cybersecurity requirements definition, integration/test support, analysis, systems engineering support, A&A of core systems, and support software certification. The DMOC implements cybersecurity requirements and complies with the application of the Risk Management Framework (RMF) and Continuous Monitoring. Efforts include Cross-Domain Information Sharing / Multi-national Information Sharing (CDIS/ MNIS) ruleset development, load sharing, and testing; integration and testing of various newly developed / updated systems such as the DMOC Replay Tool, Dr. J, DIS Filter, and the DMOC Battlespace; support of Air Force Network Integration Center (AFNIC) software certification.						
3. Distributed Training Sites & Systems Integration: DMOC integrates over 40 geographically separated LVC training locations and 50+ systems into LVC DMO training events such as VF and VF:C by resolving interoperability issues between disparate systems and networks so that all exercise participants can interact in the DMO environment. New sites and systems are incorporated into LVC DMO events each year based on higher headquarters and Combatant Commander's (CCDRs) emerging requirements.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
Joint Training Center (JTC): Adds training and test capability to 5th generation operation readiness, scales up the Joint Simulation Environment (JSE), and increases operational training capability at Elmendorf AFB.						
This is not a new start.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		11.894	0.000	0.000	0.000	0.000
Current President's Budget		11.894	0.000	0.000	0.000	0.000
Total Adjustments		0.000	0.000	0.000	0.000	0.000
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		0.000	0.000	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207605F I Wargaming and Simulation Centers		
Change Summary Explanation In FY2025, PE 0207605F, Wargaming and Simulation Centers, Project 672888, Distributed Mission Operations Center, efforts were transferred to PE 0207701F, Full Combat Mission Training, Project 672888, Distributed Mission Operations Center to meet higher priority AF Operational Readiness and Training efficiencies.				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Distributed Mission Operations (DMO) Capability / Battlespace Systems Development Description: Simulation software/hardware development in support of users conducting RDT&E, mission rehearsal, and concepts of operation development. FY 2025 Plans: N/A FY 2026 Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A		4.658	0.000	0.000
Title: Assessment and Authorization (A&A)/Software (A&AS) Certification Description: Support requirements definition, integration test support, scenario development, analysis, systems engineering support, and Certification and Accreditation (C&A) and Networthiness of core systems. Implement requirements of Cybersecurity, Risk Management Framework, and Continuous Monitoring. FY 2025 Plans: N/A FY 2026 Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A		0.530	0.000	0.000
Title: Distributed Training Sites and Systems Integration Description: Establish distributed training site system integration and interoperability between DMOC, operational units, and modeling & simulation facilities. FY 2025 Plans:		1.706	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0207605F <i>I Wargaming and Simulation Centers</i>			
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
N/A				
FY 2026 Plans:				
N/A				
FY 2025 to FY 2026 Increase/Decrease Statement:				
N/A				
Title: Joint Training Center Description: Supports the Joint Simulation Environment (JSE) CONOPS by providing the Operational Training Capability at Elmendorf, AFB.		5.000	0.000	0.000
FY 2025 Plans:				
N/A				
FY 2026 Plans:				
N/A				
FY 2025 to FY 2026 Increase/Decrease Statement:				
N/A				
Accomplishments/Planned Programs Subtotals		11.894	0.000	0.000
D. Other Program Funding Summary (\$ in Millions) N/A Remarks N/A				
E. Acquisition Strategy The DMOC supports AF/Joint/Coalition DMO and the Joint National Training Capability (JNTC) through the development and integration of DMO training and test events, networks, scenarios, and databases. Due to evolving modeling & simulation technology, the DMOC is an on-going, evolutionary effort to keep pace with those changes by continuously developing/upgrading DMO environment generators, systems, and tools and ensuring integration/interoperability of new systems into DMO to provide the best warfighter training possible. DMOC has the following two primary contracts that manage the acquisition, development, testing, and integration of DMO standards, training, modeling and simulation, cross-domain information sharing testbed, and exercises on AF/Joint/Coalition DMO networks. Additionally, Military Interdepartmental Purchase Requests (MIPRs) are sent to other external organizations (i.e. NAWCAD) to fund development of DMO tools that support DMOC efforts.				

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0207605F I Wargaming and Simulation Centers	
Infrastructure, Development, and Engineering (IDE) Contract: Develops/upgrades various DMOC tools, systems, and simulators that are needed to conduct DMO training events. Develops, implements, and tests technical solutions for the integration of sites/systems into VF, CVF, and other DMO events. IDE is a firm-fixed-price contract. Command and Control Technical Support Contract (C2TSC): Supports government by assisting with development of technical requirements for upgrades to various systems and tools that will be developed by the IDE contractor and then performs acceptance testing of the delivered products. Develops requirements for site/system integration of sites/systems into VF, CVF, and other DMO events. C2TSC is a firm-fixed-price contract.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207605F / Wargaming and Simulation Centers						Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Distributed Mission Operations (DMO) Capability / Battlespace Systems Development, Certification & Accreditation (C&A) and Networkiness, and Distributed Training Sites& Systems Integration	C/FFP	General Dynamics IT : Kirtland AFB, NM	-	-		-		-		-		-	-	-	16.935
Distributed Mission Operations (DMO) Capability / Battlespace Systems Development, Certification & Accreditation (C&A) and Networkiness, and Distributed Training Sites & Systems Integration	C/FFP	TBD - Follow-on Contract : Kirtland AFB, NM	-	4.427	Nov 2023	-		-		-		-	-	-	24.482
NAWCAD NGTS Development	MIPR	NAWCAD : Patuxent River, MD	-	1.000	Nov 2023	-		-		-		-	-	-	-
Artificial Intelligence Integration Into VF (Conceptual Design)	C/CPFF	L3 Technologies, Inc : Kirtland AFB, NM	-	0.119	Nov 2023	-		-		-		-	-	-	1.179
Global Positioning System (GPS) Jamming Integration Into VF (Conceptual Design - Contract 1)	C/CPFF	XL Scientific, LLC Verus Research : Kirtland AFB, NM	-	-		-		-		-		-	-	-	0.899
Global Positioning System (GPS) Jamming Integration Into VF (Conceptual Design - Contract 2)	C/CPFF	Scientific Research Corp, Inc : Kirtland AFB, NM	-	-		-		-		-		-	-	-	0.244
Joint Training Center	C/CPAF	TBD : Elmendorf AFB, AL	-	5.000	Dec 2023	-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207605F / Wargaming and Simulation Centers						Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	10.546		-		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical requirements development, integration/ acceptance testing, and engineering support	C/FFP	River Tech, LLC : Kirtland AFB, NM	-	-		-		-		-		-	-	-	4.759
Technical requirements development, integration/ acceptance testing, and engineering support (Follow-on Contract)	C/FFP	TBD - Follow-on Contract : Kirtland AFB, NM	-	1.012	Mar 2024	-		-		-		-	-	-	5.592
Subtotal			-	1.012		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DMOC Program Management Office Support	Various	705 CTS : Kirtland AFB, NM	-	0.336	Oct 2023	-		-		-		-	-	-	-
Subtotal			-	0.336		-		-		-		-	-	-	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			-	11.894		-		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0207605F / Wargaming and Simulation Centers										Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)									

	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
DMO																												
DMO Capability / Battlespace Systems Development																												
Virtual Flag (VF)																												
Virtual Flag / Coalition Virtual Flag exercises																												
Joint Training Center (JTC)																												
Joint Simulation Environment events																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207605F / Wargaming and Simulation Centers	Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DMO				
DMO Capability / Battlespace Systems Development	1	2024	4	2024
Virtual Flag (VF)				
Virtual Flag / Coalition Virtual Flag exercises	1	2024	4	2024
Joint Training Center (JTC)				
Joint Simulation Environment events	1	2024	4	2024

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207611F I Readiness Decision Support Enterprise							
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	0.000	0.000	0.000	8.880	0.000	8.880	-	-	-	-	-	-
675273: Defense Readiness Reporting System (DRRS)	0.000	0.000	0.000	8.880	0.000	8.880	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 7, PE 0207611F, project 675273, Defense Readiness Report System - Strategic, is a new start.

A. Mission Description and Budget Item Justification

This package incorporates RDT&E funds to maintain constant readiness landscape changes, which entail software changes, new requirements, etc. to Air Force DRRS-S. DRRS-S is an OSD platform providing readiness reporting capabilities to the DoD. The DRRS-S mission is to establish a mission focused, capabilities based, common framework that provides the combatant commanders, military services, Joint Chiefs of Staff, and other key DoD users a data-driven environment and tools in which to evaluate, in near real-time, the readiness and capability of the U.S. Armed Forces to carry our assigned and potential tasks. These assigned and potential tasks sometimes drive software changes and development specifically for the Air Force which require RDT&E funding to achieve the ability to measure readiness. One example would be the development of Combat Wing. This drives a new assessment framework which needs to be developed within DRRS-S so commanders can measure the readiness of combat wings as a single capability, which are different from the way the Air Force currently assesses readiness. By not having the development ability with the RDT&E funding, readiness reporting will not meet the needs of Joint Staff, Congress, Commanders, or any end users of Air Force Readiness data.

MODIFY THE DEFENSE READINESS REPORTING SYSTEM TO SUPPORT ENCHANCE RESOURCE REPORTING FOR COMBAT WINGS: Air Force modifications to force presentation and organization requires modifications new capabilities in DRRS to allow for presented forces to reflect meaningful resource and capability ratings that fully encompass the entirety of capability packages. This change will allow the AF to present fully capability packages with a single resource rating informed by supporting unit ratings. This will provide key decision makers with decision quality data reflecting the full capability package. This is in addition to the current functional unit structure that requires deeper cross referencing to account for the full capability package. The system will combine resource data from multiple units (where reasonable) to reflect combat unit readiness informed by combat support and combat service support limits.

MODIFY THE DEFENSE READINESS REPORTING SYSTEM AIR FORCE INPUT TOOL TO STREAMLINE REPORTING: The Air Force Input Tool module of DRRS is the interface by which Air Force units report Readiness. This effort streamlines the input process with structured in-system guidance to increase data quality. This effort utilizes robust tools to summarize unit resources for assessors and direct both qualitative and quantitative inputs to generate, value and risk to assigned capabilities and missions. The end state provides robust qualified Readiness data that highlights resource impacts to specific capabilities.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>			R-1 Program Element (Number/Name) PE 0207611F <i>I Readiness Decision Support Enterprise</i>			
MODIFY THE DEFENSE READINESS REPORTING SYSTEM AIR FORCE INPUT TOOL TO SUPPORT ENHANCED ANALYTICS: Updating the Air Force Input Tool to align reported resources to specific capability elements and support advanced analytics that reflect detailed data impact to specific resource shortfalls. Additionally, this effort will support 'what if' reporting to provide AF leadership with preliminary evaluations given proposed Courses of Action (COA) options. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		0.000	0.000	0.000	0.000	0.000
Current President's Budget		0.000	0.000	8.880	0.000	8.880
Total Adjustments		0.000	0.000	8.880	0.000	8.880
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		0.000	0.000	8.880	0.000	8.880
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Defense Readiness Report System - Strategic				-	-	8.880
Description: Readiness Reporting Software Development						
FY 2026 Plans: Redesign and enhance legacy AF-IT tools. Continue OSD DRRS Implementation Office (DIO) partnership, enhancing DRRS source code to implement future Air Force requirements, develop/install future versions of AF-IT, and focus on requirements development to better meet CSAF and JS needs.						
FY 2025 to FY 2026 Increase/Decrease Statement: This effort is a new start						
Accomplishments/Planned Programs Subtotals				-	-	8.880
D. Other Program Funding Summary (\$ in Millions)						
N/A						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0207611F I Readiness Decision Support Enterprise	
D. Other Program Funding Summary (\$ in Millions)		
Remarks		
E. Acquisition Strategy Office of Secretary of Defense (OSD) utilizes a common contract vehicle to support Defense Readiness Reporting System (DRRS). The DAF partners with OSD for DRRS and AF-IT development. This partnership ensures OSD and AF continuous development continuity. On this contract AF has existing operating and maintenance support to manage standard maintenance and service specific support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207611F / Readiness Decision Support Enterprise						Project (Number/Name) 675273 / Defense Readiness Reporting System (DRRS)			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Labor, Software development and upgrade	MIPR	Not specified. : TBD	-	-		-		8.454	Nov 2025	-		8.454	-	-	-
Admin	MIPR	Not specified. : TBD	-	-		-		0.416	Nov 2025	-		0.416	-	-	-
Travel	MIPR	Not specified. : TBD	-	-		-		0.005	Nov 2025	-		0.005	-	-	-
Other Direct Costs	MIPR	Not specified. : TBD	-	-		-		0.005	Nov 2025	-		0.005	-	-	-
Subtotal			-	-		-		8.880		-		8.880	-	-	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			-	-		-		8.880		-		8.880	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0207611F / Readiness Decision Support Enterprise		
			Project (Number/Name) 675273 / Defense Readiness Reporting System (DRRS)		

	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
DRRS																												
Software Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207611F / Readiness Decision Support Enterprise	Project (Number/Name) 675273 / Defense Readiness Reporting System (DRRS)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DRRS				
Software Development	1	2026	4	2029

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207697F I Distributed Training and Exercises							
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	0.000	3.678	3.964	4.399	0.000	4.399	-	-	-	-	-	-
675190: JFCOM Wargaming	0.000	3.678	3.964	4.399	0.000	4.399	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding supports the CSAF Title 10 wargaming efforts to test concepts, capabilities, programming choices, and plans using simulation and other techniques, otherwise known as wargaming. Based on the Department and Air Force direction, there is a concerted effort in these periods of fiscal restraint to reinvigorate, institutionalize, and systematize wargaming across the Department. This effort requires continued funding to maintain the level of effort to most effectively pursue an innovative strategy, avoid operational and technical surprise and make best use of limited resources. The Air Force continues to refine the wargame process and design to better integrate and synergize those efforts in support of the Air Force Strategy, Planning, Programming, Budget, and Execution (SPPBE) process. Specifically, in addition to maintaining a robust Title 10 Wargame series, Global Engagement, servicing Chief of Staff of the Air Force (CSAF) objectives. The HAF Wargaming Enterprise is executing on-call Wargaming in support of the AF/A5/7, the Agile series, along with quick-turning wargame support to the USAF Enterprise Capability Collaboration Team (ECCT) requirements, the Enterprise series, Plan Blue, and to service AF/A5/7 strategy and concept development objectives; all to better address the requirements of the Strategy, Planning, Programming, Budget, and Execution (SPPBE) process and cycles. Additionally, HAF Wargaming provides and coordinates Air Force representation at other Service and Joint wargames as they execute across the department. These efforts are providing decision support to senior Air Force leaders involving investment strategies and develop concepts to best employ U.S. forces in future conflicts.

The Wargame Information Environment (WIE) is a continually evolving system that provides an array of services to game players which enables the accomplishment of game objectives. The backbone of the WIE is GameNet, a deployable, standalone, Local Area Network (LAN) with servers and laptops that host applications to support virtual battlespace collaboration, decision making, three-dimensional visualizations & mapping, and services. Behind these applications are cutting edge technologies and database architectures from both commercial off-the-shelf and government developed software that assures relevance to the wargame. The modeling, simulation, and analysis applications allow participants, adjudicators, and control team members to effectively and efficiently collaborate, make decisions, present those decisions, and execute moves within the wargame; documenting each step in the process. This information capture enables discovery during the wargame and permits postgame analysis. These findings inform portfolio rebalancing exercises, concept and strategy development, and very senior leader decision making.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 0 was expended for civilian pay expenses in this program element, and in FY2025 0 is forecasted for civilian pay expenses in this program element

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207697F I Distributed Training and Exercises						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		3.811	4.847	4.969	0.000	4.969		
Current President's Budget		3.678	3.964	4.399	0.000	4.399		
Total Adjustments		-0.133	-0.883	-0.570	0.000	-0.570		
• Congressional General Reductions		0.000	-0.883					
• Congressional Directed Reductions		0.000	0.000					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		0.000	0.000					
• Congressional Directed Transfers		0.000	0.000					
• Reprogrammings		0.000	0.000					
• SBIR/STTR Transfer		0.000	0.000					
• Other Adjustments		-0.133	0.000	-0.570	0.000	-0.570		
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Develop/ Upgrade Modeling & Simulation (M&S) Tools for Wargaming Information Environment (WIE)				1.624	1.863	1.887	0.000	1.887
Description: Develop air, space and cyber space wargaming specific functionality in existing modeling and simulation and analysis tools and integrate into the latest version of the WIE								
FY 2025 Plans:								
• Continue developing and assimilating state of the art tools that capture consequences of alternative force structures and capabilities employed in wargames to inform Department of the Air Force (DAF) budgeting and programming choices.								
• Continue to expand and develop the Headquarters USAF (HAF) Wargaming Information Environment (WIE) by integrating the latest technology and tools that will support of a more flexible, robust, and agile wargaming enterprise that is quicker to respond and tailorable for a wider range of wargaming. This will require analysis of the utility and functionality of additional models and analytical tools used in other wargames, and creation of custom interfaces to allow interaction within the WIE (for example, the latest iteration of Air Force Materiel Command's Integrated Sustainment and Wargaming Analysis Toolkit, which assesses and reports changing logistics and supply levels across wargame moves, battle damage, resupply etc.). Develop updated Force Tracker with meaningful updates for user experience and input with dynamic analysis execution.								

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207697F I Distributed Training and Exercises				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
• Seek to improve the ease and effectiveness of wargame execution by developing new WIE visualizations and user/ participant interfaces in the FY25 HAF "Title 10" wargame series comprised of Futures Game 25 (FG 25) and Global Engagement 25 (GE 25)—where FG is a high-classification deep-dive into capabilities 15-20 years out and GE is an Ally-informed look at military theater competition between now and that period. There are no OCO funds programmed or executed in this PE FY 2026 Base Plans: Continue to develop and execute the Title 10 Wargames FY 2026 OOC Plans: There are no OCO funds in this PE. FY 2025 to FY 2026 Increase/Decrease Statement: Increase corrects inadvertent reduction to baseline at Agency level which reduced the ability to meet CSAF increased posture for advanced Title 10 wargaming across the Air Force Enterprise. Reestablishes baseline from previous approved POM submissions by reconnecting requirements with normal inflation increases.						
Title: Joint Concept Development & Experimentation (JCD&E) Tools Description: Develop scenarios and data for future synthetic environment that are grounded in truth to support several wargames and mini-wargames. FY 2025 Plans: • HAF Wargaming will execute FG 25 and GE 25 lead-up events in FY25. • HAF Wargaming will continue to design, develop models, research concepts, and conduct workshops for FG 25 and GE 25 including post-game assessment, analysis and reporting. • HAF Wargaming will continue to conduct quick-turn wargames in support of senior leaders as directed including support to other service wargames to ensure Air Force interests are incorporated in a realistic manner. FY 2026 Base Plans: Continue to develop and execute the Title 10 Wargames FY 2026 OOC Plans:		2.054	2.101	2.512	0.000	2.512

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>			R-1 Program Element (Number/Name) PE 0207697F <i>I Distributed Training and Exercises</i>		
C. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base
There are no OCO funds in this PE.					
<i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Increase corrects inadvertent reduction to baseline at Agency level which reduced the ability to meet CSAF increased posture for advanced Title 10 wargaming across the Air Force Enterprise. Reestablishes baseline from previous approved POM submissions by reconnecting requirements with normal inflation increases.					
Accomplishments/Planned Programs Subtotals			3.678	3.964	4.399
D. Other Program Funding Summary (\$ in Millions) N/A					
Remarks					
E. Acquisition Strategy In order to achieve an innovative strategy, avoid operational and technical surprise and make best use of limited resources, wargaming requires an evolutionary acquisition approach for every wargame. Contract support is required as wargame and IT specialized expertise resides with industry and is not available organically. The requirements constantly evolve and a challenge to be accurately defined at the outset of the contract; however, we will continue to pursue a firm fixed price (FFP) contract awarded under a full and open competition.					

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207697F / Distributed Training and Exercises				Project (Number/Name) 675190 / JFCOM Wargaming					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FA7014-19-FA092	Various	AFDW : JBA, MD	-	3.678	Apr 2024	3.964	Apr 2025	4.399	Sep 2026	-		4.399	-	-	22.084
Subtotal			-	3.678		3.964		4.399		-		4.399	-	-	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			-	3.678		3.964		4.399		-		4.399	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0207697F / <i>Distributed Training and Exercises</i>				Project (Number/Name) 675190 / <i>JFCOM Wargaming</i>			

	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
Wargaming Information Environment																												
Develop and Integrate M&S Tools																												
Enhance ViewPoint																												
Improve GamePoint																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207697F / Distributed Training and Exercises	Project (Number/Name) 675190 / JFCOM Wargaming

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Wargaming Information Environment</i>				
Develop and Integrate M&S Tools	1	2024	4	2028
Enhance ViewPoint	1	2024	4	2028
Improve GamePoint	1	2024	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207701F I Full Combat Mission Training							
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	0.000	0.000	3.948	8.096	0.000	8.096	-	-	-	-	-	-
672888: Distributed Mission Operations Center (DMOC)	0.000	0.000	3.948	8.096	0.000	8.096	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2025, PE 0207605F, Wargaming and Simulation Centers, Project 672888, Distributed Mission Operations Center, efforts were transferred to PE 0207701F, Full Combat Mission Training, Project 672888, Distributed Mission Operations Center to meet higher priority AF Operational Readiness and Training efficiencies. Subsequently, PE207701F now resides in BA05 (AFRL integration work) and BA07 (DMOC Efforts)

A. Mission Description and Budget Item Justification

The Distributed Mission Operations Center (DMOC) provides comprehensive Live, Virtual, and Constructive (LVC) simulation capabilities which prepare warfighters to conduct Joint All-Domain Command & Control (JADC2) operations in air, land, sea, space, and cyber domains for Air Force, joint service, and coalition partners' theater-level, full spectrum combat training. The DMOC training capabilities reach over 40 geographically separated LVC locations representing real-world weapon systems, operator-in-the-loop, and constructive/computer-driven simulations. DMOC is responsible for development and integration of scenarios, models, and databases of participating sites into Virtual Flag (VF) and other Distributed Mission Operations (DMO) training events via network connectivity, interoperability tools, and controlled interfaces in support of Air Force, joint, and coalition warfighter readiness. In addition, activities include DMO technology and capability studies/analyses which support both current and future program planning and execution by:

DISTRIBUTED MISSION OPERATIONS CAPABILITY/BATTLESPACE SYSTEMS DEVELOPMENT: The DMOC upgrades and enhances capabilities of various systems, tools, and simulators incorporating emerging technology and training requirements into DMO events, such as Virtual Flag (VF) and VF: Coalition (VF:C), enhancing the quality of warfighter training. Activities include Environment Generator development, DMO Tool Development, and Simulator Enhancement. DMOC partners with the US Naval Air Warfare Center-Aircraft Division (NAWCAD) to enhance Next Generation Threat System (NGTS) capabilities. The NGTS is the primary environment generator for both Blue and Red Air in DMOC White Force. DMO Tool development includes: a) DMOC Replay Tool (DRT), which facilitates a more complete exercise mission review and debrief capability as more sites and systems are added to events; b) enhancement & improvement of the Distributed Interactive Simulation (DIS) Filter and the Doctor-J (Dr. J) tools to enable tactical datalinks communication and translation between disparate simulator and operationally fielded (i.e. live aircraft) communication formats; c) Development of Intelligence, Surveillance, and Reconnaissance (ISR)/Battle Damage Assessment (BDA) to improve damage state models used by intelligence analysts in exercises; d) development of solutions for integrating Contested Degraded Operations Gateway (CDOG, geographical and communications jamming) into DMO events; e) and simulator enhancement efforts to incorporate Mission Package standards upgrades into the Control and Reporting Center (CRC) Simulation Package (CSP), allowing a real-world system to be used as a simulator when needed in DMO events.

ASSESSMENT & AUTHORIZATION (A&A)/SOFTWARE CERTIFICATION: The DMOC supports cybersecurity requirements definition, integration/test support, analysis, systems engineering support, A&A of core systems, and support software certification. The DMOC implements cybersecurity requirements and complies with the

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0207701F I Full Combat Mission Training					
application of the Risk Management Framework (RMF) and Continuous Monitoring. Efforts include Cross-Domain Information Sharing / Multi-national Information Sharing (CDIS/MNIS) ruleset development, load sharing, and testing; integration and testing of various newly developed / updated systems such as the DMOC Replay Tool, Dr. J, DIS Filter, and the DMOC Battlespace; support of Air Force Network Integration Center (AFNIC) software certification.							
DISTRIBUTED TRAINING SITES & SYSTEMS INTEGRATION: DMOC integrates over 40 geographically separated LVC training locations and 50+ systems into LVC DMO training events such as VF and VF:C by resolving interoperability issues between disparate systems and networks so that all exercise participants can interact in the DMO environment. New sites and systems are incorporated into LVC DMO events each year based on higher headquarters and Combatant Commander's (CCDRs) emerging requirements.							
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0.00M was expended for civilian pay expenses in this program element, and in FY25 \$0.00M is forecasted for civilian pay expenses in this program element.							
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.							
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		0.000	7.048	7.223	0.000	7.223	
Current President's Budget		0.000	3.948	8.096	0.000	8.096	
Total Adjustments		0.000	-3.100	0.873	0.000	0.873	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	-3.100				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		0.000	0.000	0.873	0.000	0.873	
Change Summary Explanation							
FY25 change resulting from Congressional Mark of -3.100M for Wargaming and simulation centers contract delay.							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Distributed Mission Operations (DMO) Capability / Battlespace Systems Development					0.000	3.252	6.671

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0207701F / <i>Full Combat Mission Training</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Description: Simulation software/hardware development in support of users conducting RDT&E, mission rehearsal, and concepts of operation development. FY 2025 Plans: Redesign and enhance legacy DMO tools. Continue DMOC/NAWCAD partnership, enhancing NGTS source code to implement future Air Force DMO requirements, develop/install future versions of DMOC customized NGTS, and focus on increasing NAWCAD partnership/ requirements development to better meet AF DMO needs. Explore additional virtualized methods to enhance training. Research and test emerging Modeling & Simulation (M&S) technologies for possible integration into DMO training and explore/transition to cloud-base software development. FY 2026 Plans: Continue DMOC/NAWCAD partnership, enhancing NGTS source code to implement future Air Force DMO requirements, develop/install future versions of DMOC customized NGTS, and focus on increasing NAWCAD partnership/ requirements development to better meet AF DMO needs. Research and test emerging Modeling & Simulation (M&S) technologies for possible integration into DMO training and explore/transition to cloud-base software development. FY 2025 to FY 2026 Increase/Decrease Statement: Increase from FY2025 due to increase in work to be performed in software development				
Title: Assessment and Authorization (A&A)/Software (A&AS) Certification Description: Support requirements definition, integration test support, scenario development, analysis, systems engineering support, Certification and Accreditation (C&A) and Networthiness of core systems. Implement requirements of Cybersecurity, Risk Management Framework, and Continuous Monitoring. FY 2025 Plans: Perform testing for the following Assessment and Authorization activities: Authority to Operate (ATO) from HAF/A3 for Battlespace; ATO for Jumper Room with accompanying System Security Plan (SSP) modifications to support event-driven needs; DMOC software assessments for the Air Force Network Integration Center (AFNIC) Evaluated/Approved Products List (E/APL) process; Support Virtual Flag: Coalition (VF:C) and RED KITE (UK exercise) with Cross-Domain Information Sharing (CDIS) rule set development, testing, and implementation; A&A support for virtualization efforts; and Develop Cross Domain Solution into LVC training. FY 2026 Plans: Continue to perform testing for the following Assessment and Authorization activities:		0.000	0.380	0.741

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development				R-1 Program Element (Number/Name) PE 0207701F I Full Combat Mission Training							
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
Authority to Operate (ATO) from HAF/A3 for Battlespace; ATO for Jumper Room with accompanying System Security Plan (SSP) modifications to support event-driven needs; DMOC software assessments for the Air Force Network Integration Center (AFNIC) Evaluated/Approved Products List (E/APL) process; Support Virtual Flag: Coalition (VF:C) and RED KITE (UK exercise) with Cross-Domain Information Sharing (CDIS) rule set development, testing, and implementation; A&A support for virtualization efforts; and Develop Cross Domain Solution into LVC training.											
FY 2025 to FY 2026 Increase/Decrease Statement: Increase in funding from FY2025 resulting for a ramp in testing to be performed											
Title: Distributed Training Sites and Systems Integration							0.000	0.316	0.684		
Description: Establish distributed training site system integration and interoperability between DMOC, operational units, and modeling & simulation facilities.											
FY 2025 Plans: Develop LVC concepts in support of VF/CVF VF:C integration efforts. Support emerging higher headquarters/ Combatant Commander's (CCDR) requirements. Develop Virtual-into-Live integration and testing with Nevada Test and Training Range (NTTR)/Virtual Test and Training Center (VTTC)/Red-Flag (RF). Expand Jumper Room support capabilities to Chairman, Joint Chief of Staff (CJCS) events. Expand distributed operations to increase the number of small-scale, joint/coalition events.											
FY 2026 Plans: Continue to develop LVC concepts in support of VF/CVF VF:C integration efforts. Support emerging higher headquarters/ Combatant Commander's (CCDR) requirements. Develop Virtual-into-Live integration and testing with Nevada Test and Training Range (NTTR)/Virtual Test and Training Center (VTTC)/Red-Flag (RF). Expand Jumper Room support capabilities to Chairman, Joint Chief of Staff (CJCS) events. Expand distributed operations to increase the number of small-scale, joint/coalition events.											
FY 2025 to FY 2026 Increase/Decrease Statement: Minor increase a result of additional concept development efforts											
Accomplishments/Planned Programs Subtotals							0.000	3.948	8.096		
D. 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
• RDTE 05 0207701F: Full Combat Mission Training	7.597	7.754	12.898	-	12.898	-	-	-	-	-	-

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0207701F I Full Combat Mission Training						
D. 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 Funding previously existed in PE 0207605F.											
E. Acquisition Strategy											
The DMOC supports AF/Joint/Coalition DMO and the Joint National Training Capability (JNTC) through the development and integration of DMO training and test events, networks, scenarios, and databases. Due to evolving modeling & simulation technology, the DMOC is an on-going, evolutionary effort to keep pace with those changes by continuously developing/upgrading DMO environment generators, systems, and tools and ensuring integration/interoperability of new systems into DMO to provide the best warfighter training possible. DMOC has the following two primary contracts that manage the acquisition, development, testing, and integration of DMO standards, training, modeling and simulation, cross-domain information sharing testbed, and exercises on AF/Joint/Coalition DMO networks: Infrastructure, Development, and Engineering (IDE) Contract: Develops/upgrades various DMOC tools, systems, and simulators that are needed to conduct DMO training events. Develops, implements, and tests technical solutions for the integration of sites/systems into VF, CVF, and other DMO events. IDE is a firm-fixed-price contract. Command and Control Technical Support Contract (C2TSC): Supports government by assisting with development of technical requirements for upgrades to various systems and tools that will be developed by the IDE contractor and then performs acceptance testing of the delivered products. Develops requirements for site/system integration of sites/systems into VF, CVF, and other DMO events. C2TSC is a firm-fixed-price contract. Additionally, Military Interdepartmental Purchase Requests (MIPRs) are sent to other external organizations (i.e., NAWCAD) to fund development of DMO tools that support DMOC efforts.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0207701F / Full Combat Mission Training				Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Infrastructure, Development, and Engineering (IDE) Contract	C/FFP	Northrop Grumman Sys Corp : Kirtland AFB, NM	-	-		1.549	Nov 2024	4.559	Nov 2025	-		4.559	-	-	20.946
Next Generation Threat System (NGTS) Development	MIPR	NAWCAD : Patuxent River, MD	-	-		0.830	Oct 2024	1.000	Oct 2025	-		1.000	-	-	-
Other Minor Contracts / MIPRs for Software / Licenses / Hardware / Contract Labor to Support Product Development	Various	Not specified. : Kirtland AFB, NM	-	-		0.756	Oct 2024	1.573	Oct 2025	-		1.573	-	-	-
Subtotal			-	-		3.135		7.132		-		7.132	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Command and Control Technical Support Contract (C2TSC)	C/FFP	RiverTech, LLC : Kirtland AFB, NM	-	-		0.644	Nov 2024	0.732	Nov 2025	-		0.732	-	-	3.503
Subtotal			-	-		0.644		0.732		-		0.732	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DMOC Program Management Office Support	Various	705 CTS: Kirtland AFB, NM : TBD	-	-		0.169	Oct 2024	0.232	Oct 2025	-		0.232	-	-	-
Subtotal			-	-		0.169		0.232		-		0.232	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0207701F / Full Combat Mission Training					Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)				
		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		-	-		3.948		8.096		-		8.096	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0207701F / Full Combat Mission Training					672888 / Distributed Mission Operations Center (DMOC)			

	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
DMO																												
DMO Capability/ Battlespace Systems Development																												
Virtual Flag (VF)																												
Virtual Flag/Coalition Virtual Flag exercises																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0207701F / Full Combat Mission Training	Project (Number/Name) 672888 / Distributed Mission Operations Center (DMOC)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DMO				
DMO Capability/ Battlespace Systems Development	1	2025	4	2029
Virtual Flag (VF)				
Virtual Flag/Coalition Virtual Flag exercises	1	2025	4	2029

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0208006F I Mission Planning 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
Total Program Element	0.000	83.500	80.709	138.745	0.000	138.745	-	-	-	-	-	-
675302: Precision Aerial Delivery Systems (PADS)	0.000	1.942	2.056	2.099	0.000	2.099	-	-	-	-	-	-
675380: Mission Planning Systems (MPS) Modernization	0.000	81.558	78.653	136.646	0.000	136.646	-	-	-	-	-	-
Program MDAP/MAIS Code: 509												
A. Mission Description and Budget Item Justification												
Budget line 0208006F funds the Precision Aerial Delivery Systems (PADS) and Mission Planning Systems (MPS) Modernization efforts and is used to develop automated mission planning systems to support U.S. Air Force (USAF) flying operations.												
Airdrop Mission Planning/Joint Precision Airdrop System (JPADS) consists of hardware and software that serve as the primary mission planning system for all airdrop operations, enabling high-altitude logistical resupply and payload delivery. JPADS efforts are focused on hardware and software enhancements supporting airdrop delivery of cargo and resources while enabling Command and Control (C2) of aircrews and payloads during mission execution. These software upgrades will increase the survivability and lethality of our mobility forces.												
MPS are foundational to effective airpower projection and mission execution. MPS aircraft mission planning software integrates the latest tasking orders, mission profile, order of battle, routes, weight and balance, formation, payload, cargo, intelligence, weather, aircraft performance, autonomous air vehicle and weapon flight out models, and threat data into flight systems and associated Battle Management systems and networks. This integrated operating picture is used pre-flight to prepare the crew and aircraft for each mission; in-flight to receive and respond to C2 direction, enhance survivability, and react to mission changes; and post-flight for aircrew, intelligence, and maintenance debriefing. MPS Joint Mission Planning System (JMPS), utilized by USAF and the U.S. Navy (USN), focuses solely on pre-mission planning operations. Modernization efforts, including JMPS Open Mission System (JOMS), focus on connected and disconnected planning and execution for all phases of mission planning (pre-mission, in-flight, and post-mission planning). Software development is essential for real-time mission data C2 updates and collaboration with mission partners as well as dynamic mission replanning for evolving conditions and sharing post-mission data to inform follow on operations.												
Additionally, MPS is lead on Theater Air Planning System of Systems (TAP-SoS) efforts to enable mission planning modernization integration and real-time data sharing with multiple C2 systems, including but not limited to Advanced Battle Management System (ABMS), Air Operations Centers, and Mobility Air Force C2 (MAFC2) across the Department of the Air Force (DAF) BATTLE NETWORK (DBN).												
Efforts within this PE align with USAF investment in Air Operations Center (0207410F), All Domain Common Platform (0303248F), C2IMERA (0305015F/0305836F) and ABMS (0604003F) to deliver the TAP-SoS architecture for the DBN.												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0208006F I Mission Planning Systems				
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F or 0605898F. In FY2024 \$0.826M was expended for civilian pay expenses in this program element, and in FY2025 \$1.038M is forecast for civilian pay expenses in this program element.						
The FY2026 request was reduced by \$2.407 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."						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		96.272	92.566	97.417	0.000	97.417
Current President's Budget		83.500	80.709	138.745	0.000	138.745
Total Adjustments		-12.772	-11.857	41.328	0.000	41.328
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-9.986	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-2.786	0.000			
• Other Adjustments		0.000	-11.857	41.328	0.000	41.328
Change Summary Explanation						
FY2024 Changes: (-\$9.986 million) excess to need.						
FY2025 Changes: (-\$11.857 million) program carryover.						
FY2026 Changes: (+\$41.328 million) for modernization in support of Theater Air Planning System of Systems effort.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems				Project (Number/Name) 675302 / Precision Aerial Delivery Systems (PADS)			
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
675302: Precision Aerial Delivery Systems (PADS)	0.000	1.942	2.056	2.099	0.000	2.099	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Budget line 0208006F funds Airdrop Mission Planning/Joint Precision Airdrop System (JPADS).												
Airdrop Mission Planning/JPADS consists of hardware and software that serve as the primary mission planning system for all airdrop missions, enabling high-altitude logistical resupply and the delivery of diverse payloads. These payloads include kinetic effects, such as guided missiles capable of navigating to designated coordinates, and non-kinetic effects like sensors, communication nodes, and jammers, which rely on gravity for deployment. JPADS enhances operational efficiency, survivability, and lethality by enabling the safe and effective delivery of critical supplies and equipment to forces in the field, including from altitudes beyond the range of certain surface-to-air threats. JPADS is utilized by mobility aircraft, primarily the C-17 and C-130 platforms, for high and low-altitude airdrops.												
Consolidated Airdrop Tool (CAT) and other airdrop mission planning applications are key software for airdrop operations. Future initiatives include automating and enhancing airdrop planning with multi-stage airdrop, task saturation mitigation, and delivering palletized effects using Heavy Equipment Loading and Extraction airdrop. These initiatives utilize real-time data and acquisition of payload and delivery hardware systems (e.g. various delivery vehicles, modern parachute technologies, and various kinetic and non-kinetic effects) for prototyping, testing, evaluation, and demonstrations.												
FY2026 Airdrop efforts are focused on developing software/hardware capabilities for airdrop missions to include but not limited to: 1) high-altitude, precise, airdrop while mitigating surface-to-air threats; 2) improved single-pass airdrop capability to enhance survivability; 3) two stage payload delivery; 4) prototyping, testing, evaluation, and demonstration of palletized effects; 5) command and control of aerial delivery systems and palletized effects; and 6) supporting contested logistics aerial delivery (airdrop) in hostile or denied areas. These software modernization efforts integrate mobility forces in the Joint Long-Range Kill Chain while increasing aircraft and crew lethality and survivability.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: Joint Precision Air Drop System - Mission Planning (JPADS-MP) Phase I									1.942	2.056	2.099	
Description: Funds will be used for the development, integration, and test activities of the JPADS program												
FY 2025 Plans: Activities supported with FY2025 funding include, but are not limited to the following: - Continue development and fielding of Consolidated Airdrop Tool (CAT) and Airdrop Mobile Mission Planning applications - Investigate additional weather gathering methodologies for further development of single-pass airdrop capability												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0208006F / <i>Mission Planning Systems</i>			Project (Number/Name) 675302 / <i>Precision Aerial Delivery Systems (PADS)</i>				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
- Enhance autonomous multi-stage payload delivery - Conduct prototyping, testing, evaluation, and demonstration of palletized effects - Develop capability to dynamically replan airdrop missions and retask palletized effects - Develop long range Command and Control (C2) functionality of aerial delivery systems and palletized effects - Support development of aerial delivery logistics solutions in contested areas of responsibility (AORs) - Conduct flight testing of airdrop mission planning software, hardware, and palletized systems FY 2026 Plans: Activities supported with FY2026 funding include, but are not limited to the following: - Advance development and fielding of Consolidated Airdrop Tool (CAT) and Airdrop Mobile Mission Planning applications - Enhancement of formation airdrop capability - Integrate palletized effects with aerial delivery systems for long range autonomous C2 - Continue development of dynamic mission planning capability to support integration with the Department of the Air Force (DAF) BATTLE NETWORK (DBN) - Integrate single-pass airdrop capability with multi-stage payload delivery developments - Continue support of high-altitude, precise aerial delivery logistics solutions while mitigating threats in contested AORs - Continue flight testing of airdrop mission planning software, hardware, and palletized systems - Implement ability to ingest and process real-time mission planning data, supporting development of capabilities for aircraft and aircrew survivability and lethality - Automate and enhance airdrop planning, mitigate task saturation, enable dynamic and mobile airdrop solutions, and support delivery of palletized effects - Develop single-pass airdrop capability to enhance survivability FY 2025 to FY 2026 Increase/Decrease Statement: Minor increase due to inflation.											
Accomplishments/Planned Programs Subtotals							1.942	2.056	2.099		
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u> <u>Base</u>	<u>FY 2026</u> <u>OOB</u>	<u>FY 2026</u> <u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF 03 Line Item 833170: <i>Mission Planning Systems</i>	14.254	18.474	18.722	-	18.722	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems	Project (Number/Name) 675302 / Precision Aerial Delivery Systems (PADS)
D. Acquisition Strategy The Joint Precision Airdrop System (JPADS) program acquisition strategy and development approach focuses on agile software development, continuous integration, continuous delivery of capability, and constant stakeholder feedback. JPADS employs best practice commercial technical approaches, including open, modular architecture to maximize extensibility and reuse while increasing speed to the field. JPADS utilizes a variety of contracting approaches. These include, but are not limited to, competitively awarded Task Orders utilizing strategic sourcing vehicles such as Government-Wide Acquisition Contracts and Federal Supply Schedules that offer access to a large pool of vendors. For the efforts listed above, the Program Executive Officer Command, Control, Communications, and Battle Management (C3BM) at Hanscom AFB, MA provides the program management, contracts, legal, and financial management support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems				Project (Number/Name) 675302 / Precision Aerial Delivery Systems (PADS)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	C/T&M	Various : Various	0.000	1.365	Nov 2023	1.456	Nov 2024	1.481	Nov 2025	-		1.481	-	-	-
Systems Engineering and Integration	C/T&M	Leidos, Inc. : Reston, VA	0.000	0.368	Jan 2024	0.377	Jan 2025	0.388	Jan 2026	-		0.388	-	-	-
Subtotal			0.000	1.733		1.833		1.869		-		1.869	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cost Estimating	C/T&M	Quantech Services : Lexington, MA	0.000	0.019	Nov 2023	0.025	Nov 2024	0.026	Nov 2025	-		0.026	-	-	-
Subtotal			0.000	0.019		0.025		0.026		-		0.026	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Responsible Test Organization (RTO)	PO	96CTG : Eglin AFB, FL	0.000	0.170	Dec 2023	0.178	Dec 2024	0.184	Dec 2025	-		0.184	-	-	-
Operational Testing	PO	28TH TEST AND EVAL : Eglin AFB, FL	0.000	0.020	Apr 2024	0.020	Apr 2025	0.020	Apr 2026	-		0.020	-	-	-
Subtotal			0.000	0.190		0.198		0.204		-		0.204	-	-	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			0.000	1.942		2.056		2.099		-		2.099	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems		Project (Number/Name) 675302 / Precision Aerial Delivery Systems (PADS)	

	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
Precision Aerial Delivery Systems (PADS)																												
JPADS-MP: Development/field Consolidated Air Drop Tool (CAT) version 6																												
JPADS-MP: Double Down/Special Payloads																												
JPADS-MP: Dynamic Airdrop Mission Planning																												
JPADS-MP: Palletized Effects																												
JPADS-MP: Program Increment quarterly cadence releases																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems	Project (Number/Name) 675302 / Precision Aerial Delivery Systems (PADS)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Precision Aerial Delivery Systems (PADS)				
JPADS-MP: Development/field Consolidated Air Drop Tool (CAT) version 6	1	2024	4	2027
JPADS-MP: Double Down/Special Payloads	1	2024	4	2027
JPADS-MP: Dynamic Airdrop Mission Planning	1	2024	4	2027
JPADS-MP: Palletized Effects	1	2024	4	2027
JPADS-MP: Program Increment quarterly cadence releases	1	2025	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems				Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization			
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
675380: Mission Planning Systems (MPS) Modernization	0.000	81.558	78.653	136.646	0.000	136.646	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Mission Planning System (MPS) develops software for aircraft mission planning, integrating the latest intelligence, weather, aircraft performance, and threat data into flight management systems enabling flight operations for Combat Air Forces (CAF), Mobility Air Forces (MAF), and Special Missions Air Combat Command (SMACC) aircraft, Collaborative Combat Aircraft (CCA), and training aircraft. MPS is required prior to any fixed or rotary wing aircraft sortie. The warfighter must be able to: 1) leverage mission data feedback to formulate plans with current data; 2) optimize and de-conflict flight routes with other aircraft; 3) review, print, and brief the plan; 4) download flight information to onboard aircraft avionics; 5) conduct dynamic/in-flight replanning, including collaboration and data sharing with mission partners and the Command and Control (C2) chain; and 6) quickly and seamlessly share post-mission data to inform planning for subsequent missions. Main efforts include Joint Mission Planning System (JMPS), JMPS Open Mission System (JOMS), and Theater Air Planning System of Systems (TAP-SoS).

JMPS is a software and hardware configuration utilized by U.S. Air Force (USAF) and the U.S. Navy (USN) that focuses on pre-mission planning operations, connected and disconnected planning, and execution for all phases of mission planning operations.

Mission Planning Modernization is a Software Acquisition Pathway program. Efforts, including JOMS, focus on connected and disconnected planning and execution for all phases of mission planning (pre-mission, in-flight, and post-mission planning). Software development is essential for real-time mission data C2 updates and collaboration with mission partners as well as dynamic mission replanning for evolving conditions and sharing post-mission data to inform follow on operations. Tools include Weapons Planning Software, Electronic Warfare (EW), Global Positioning System (GPS) crypto including GPS M-Code and weather.

TAP-SoS enables integration and real-time data sharing with multiple C2 systems, including but not limited to Advanced Battle Management System (ABMS), Air Operations Centers, and Mobility Air Force C2 (MAFC2). Activities also include studies and analysis to support both current program planning and execution as well as future program planning. TAP-SoS continues and extends modernization by enabling seamless integration with the Department of the Air Force (DAF) BATTLE NETWORK (DBN).

As the program shifts from JMPS upgrades activities to focus on modernization efforts, the program restructured in FY2024. MPS continues to upgrade JMPS to align with platform Operational Flight Program (OFP) requirements while developing and delivering modernized mission planning capability in JOMS and TAP-SoS. This restructure enables development to shift from platform centric to system centric mission planning utilizing modern software capabilities such as microservices and Software as a Service.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / <i>Mission Planning Systems</i>	Project (Number/Name) 675380 / <i>Mission Planning Systems (MPS) Modernization</i>
MPS utilizes Continuous Development and Integration (CD&I) to develop modernized mission planning software services, user interfaces, and underlying software architecture that are common to all aircraft (e.g., rapid computing of flight routes based on specific aircraft flying characteristics, weather, flight safety, airport destination, etc.). Software Development for JMPS, JOMS, and TAP-SoS Modernization efforts include: 1) Combat Air Forces - Global Strike (CAF-GS) MPS: Software applications for pre-flight, dynamic/in-flight replanning, and post-flight analysis to optimize the tactical kill chain. Includes new and modernized mission planning capabilities in collaboration with the USN Mission Planning Program Office and the F-35 Joint Program Office (JPO). Software development to support platform OFP requirements, such as new weapons, avionics upgrades, communications systems, etc. OFPs requiring updates include, but are not limited to: F-15, F-16, F-22 B-1, B-2, B-52. Within the framework of Agile Software Cadence, development teams will deliver improved capabilities to support each aircraft platform OFP, including early deliveries for risk reduction testing. Upgrades for weapons planning capabilities include but are not limited to Small Diameter Bomb (SDB-II), Joint Direct Attack Munitions (JDAM), Joint Air-to-Surface Standoff Missile (JASSM), Hypersonic Attack Cruise Missile (HACM). Additionally, upgrades require associated interfaces between the platforms and weapons such as Universal Armament Interface (UAI) and Mission Planning Certification Tool (MPCT). Furthermore, modernization efforts will address requirements to common capabilities and tools such as Weapons Planning Software (WPS), Electronic Warfare (EW) for the entire enterprise, GPS crypto (including GPS M-code), and weather. CAF-GS will integrate system specific mission planning elements into the overarching TAP-SoS dynamic mission replanning operational architecture. Efforts include development of modernized CAF-GS mission planning capabilities in collaboration with the USN Mission Planning Program Office and the F-35 JPO. Platform-specific efforts include, but are not limited to the following: a. F-15 MPS: Includes key initiatives on improving/adapting software architecture to improve lethality, survivability, readiness, affordability, and performance. Continued delivery of software updates to address platform OFP requirements which updates on an annual release to the field to provide new capabilities to the warfighter. The F-15 Unique Planning Component (UPC) will transition from JMPS to microservices which is required to migrate to the open standard interfaces of JOMS. Updates also include new features for weapons (JDAM, SDB I and II, Air Intercept Missile (AIM)-9X, AIM-120D, and Network Enabled Weapon support elements (e.g., key handling, weapon data link, and Link 16)). Software enhancements include Synthetic Aperture Radar Planning Tools (SAR-PT), global area reference tools, radar modernization updates (e.g., combat identification, radar planning tool enhancements), active warning survivability systems, Advanced Dual Core Process II (ADCP- II) computer as well as Digital Transfer Device/Modules (DTD/DTM) modernized in support of operational capabilities to the F-15 OFP. The overall end state is a common OFP and one Mission Partner Environment (MPE) baseline that supports all F-15 models (C, D, E, & EX). Additionally, modernization efforts also includes pathfinder/exploratory efforts to provide preflight and dynamic mission planning and reduction of the logistics footprint. b. F-22 MPS: Includes multiple software development efforts driven by OFP updates. These new capabilities improve lethality, survivability, and tactical communications with sensor enhancements and updates to Link-16 Transmit, Mode 5 Identification Friend or Foe Transmit and Interrogate, Infrared Search and Track Pod, and various classified projects. Additionally, efforts will increase readiness and affordability through incremental incorporation of open mission systems microservices to create		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / <i>Mission Planning Systems</i>	Project (Number/Name) 675380 / <i>Mission Planning Systems (MPS) Modernization</i>
a common platform agnostic baseline MPE/UPC. Modernization will integrate initial JOMS capabilities into JMPS and generate mission data files in appropriate test jets. Furthermore, efforts are collaborative with USN's and F-35 JPO's mission planning teams to deliver JOMS capabilities. Additional modernization efforts include pathfinder/exploratory efforts to provide enhanced pre-flight and dynamic mission planning capabilities as well as reduction of the logistics footprint. c. B-1 MPS: Includes multiple software development efforts driven by OFP updates for platform block upgrades. Efforts will incrementally deliver the B-1 MPE to improve survivability, lethality, and readiness; increase mission capabilities with weapon updates for JASSM and Long Range Anti-Ship Missile (LRASM); and incorporation of crypto modernization for Link-16 Network Enabled Weapons. Additionally, efforts will improve processing capability 64/128-bit environment, replace the mass storage unit where pre-recorded map and mission data is stored, and develop microservices to integrate JOMS into the B-1 MPE. 2) Global Mobility and Special Missions (GM-SM) MPS: Provide new and improved MAF-SMACC mission planning capability to support Agile Combat Employment (ACE) software applications for pre-flight, dynamic/in-flight replanning, and post-flight analysis; provide software applications to support operational engagement to optimize the tactical kill chain; and support individual OFP requirements, such as avionics upgrades, communications systems, etc. Common operational GM-SM baselines 1) enable agile software deliverables; 2) minimize platform schedule constraints; and 3) reduce platform dependencies within the OFP. GM-SM will integrate system specific mission planning elements into the overarching TAP-SoS dynamic mission replanning operational architecture. a. Global Mobility MPS: Includes new and modernized mission planning capability to support mobility aircraft including, but not limited to, C-17, C-130H, C-130J, C-5, KC-135, KC-10, and KC-46. Efforts also include, but are not limited to, integration of global C2 and Air Mobility Command (AMC) fuel efficiency requirements incorporating MAF Automated Flight Planning Service into the deployed squadron mission planning suite, enhancing capabilities to accommodate avionics upgrades, integration with precision airdrop tools for increased accuracy and survivability, interfaces with C2 systems, improved weather data ingestion/utilization, and integration with other common services such as assault zone and air refueling tools. b. Special Mission MPS: Includes new and modernized mission planning capability to support SMACC platforms including but not limited to E-3, E-7, RC-135, EA-37, and EC-130, Combat Search and Rescue (CSAR) platforms (i.e. HC-130J and HH-60G/W). Efforts will replace JMPS with JOMS for initial SMACC platforms. Capability enhancements include, but are not limited to, improving performance stability by more efficient transfer of mission data from the MPE to the OFP and integration onto the smart multifunction color display for the HH-60G/W. 3) MPS Core Mission Planning (CMP): Includes new and modernized mission planning software services, user interfaces, and underlying software architecture that are common to all aircraft (e.g., rapid computing of flight routes based on specific aircraft flying characteristics, weather, flight safety, airport destination, etc.). These common services support software and data updating services to automatically synchronize connected assets, the common continuous integration/continuous delivery (CI/CD) infrastructure and software integration processes; and enable worldwide USAF aircraft operations in connected and disconnected environments. CMP will integrate system specific mission planning elements into the overarching TAP-SoS dynamic mission replanning operational architecture. 4) Theater Air Planning System of Systems (TAP-SoS): Includes new and modernized software for operational C2 for rapid and calculated Course of Action development for dynamic mission replanning, enabling effective battlespace management and ensuring aircrew lethality and survivability. Software will integrate C2 operations to tactical mission planning systems across all platforms, automatically synchronize connected assets, and optimize battlespace awareness at an operational		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems	Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization		
level. Along with MPS Software, efforts will integrate with Advanced Battle Management System (ABMS), Air Operations Centers, and Mobility Air Force C2 (MAFC2) across the Department of the Air Force (DAF) BATTLE NETWORK (DBN).				
5) Test, Training, and Certification: Continues all MPS-related integration, test, and certification activities for all platforms.				
Program Support: Continues all program office management operations and support activities to ensure the timely development, testing, and delivery of mission planning systems to the warfighter.				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Mission Planning (MP) Modernization		0.000	77.221	133.781
Description: MP Modernization is a software development program that will modernize the legacy Joint Mission Planning Systems (JMPS). This effort will move the stand-alone software to a cloud-based environment, enabling global real time collaboration on mission planning, and adding the capability for dynamic inflight mission replanning. The modern software structure will also allow for a tailored mission planning service for a lighter, faster design that will shorten the mission planning timeline from days to hours. Legacy programs were restructured at the end of FY2024. MP Modernization consolidated the modernization efforts for thrust areas F-15 Modernization, F-22 Modernization, Global Mobility Modernization, Special Mission Modernization, and MPS Core Mission Planning (CMP). This restructure enables development to shift from platform centric to system centric mission planning utilizing modern software capabilities.				
FY 2025 Plans:				
F-15 Modernization:				
- Complete JMPS software rearchitcting for microservices				
F-22 Modernization:				
- Mature prototype blended F-22 JMPS Mission Planning Environment (MPE) with modernized Joint Mission Planning System (JMPS) Open Mission System (JOMS) capabilities				
- Demonstrate in-flight mission replanning solutions; transition pre-flight dynamic mission replanning capabilities				
Global Mobility Modernization:				
- Continue development of software for new Air Mobility Command (AMC) platforms (including C-130J 8.1.2, C-130H AMP, and KC-46 Block 1)				
- Improve KC-46 mission planning with Data Transfer Device (DTD) alignment to enhance download of large volume maintenance data thus reduce manual workload and processing time				
- Improve Link-16 data transfer and integrate Second generation Anti-jam Tactical Ultra High Frequency (UHF) Radio for North Atlantic Treaty Organization (SATURN) radio capability				

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208006F / <i>Mission Planning Systems</i>		Project (Number/Name) 675380 / <i>Mission Planning Systems (MPS) Modernization</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
Special Mission Modernization: - Deliver first EA-37B JMPS MPE, which will provide pre-flight mission planning capability for operational use - Continued development of Combat Search and Rescue/Special Mission Air Combat Command (CSAR/SMACC) mission planning capability upgrades for Air Combat Command (ACC) - Integrate mission planning component into the HH-60W flight management system for dynamic/in-flight replanning MPS Core Mission Planning (CMP): - Deploy first increment of JOMS to connected (cloud) operational environment with continued development of microservices - Conduct efforts for the delivery of quality code to meet the authorization to operate (ATO) process allowing for a limited semi-operational use - Configure software deployment baselines for a disconnected environment - Complete testing to identify areas for improved data resources usage FY 2026 Plans: F-15 Modernization: - Continue software release transitioning the MPE/Unique Planning Component (UPC) to JOMS upon completion of the JMPS software re-architecture to microservices F-22 Modernization: - Continue to mature prototype blended MPE with modernized JOMS capabilities - Continue to mature in-flight mission replanning solutions and pre-flight dynamic mission replanning capabilities B-1 Modernization: - Develop and field MPE improvements that increase B-1 lethality, survivability, and readiness in a contested environment, such as, but not limited to crypto key enhancements and weapons integration (such as, but not limited to Long Range Anti-Ship Missile (LRASM), Joint Air-to-Surface Standoff Missile (JASSM), and hypersonics). Global Mobility Modernization: - Develop and field MPE releases to further improve Air-to-Ground Missile (AGM) products, based on AMC priorities - Develop modernized air refueling mission planning capabilities for KC-46 - Deliver dynamic/in-flight replanning capabilities to support AMC initiatives Special Mission Modernization:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems	Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
- Deliver first operational JOMS capability to RC-135 connected and disconnected environments - Continue refinement of C-130J Blk 8.1 mission planning capability to support ACC modernization of the HC-130J fleet - Continue refinement of HH-60W planning capabilities based on the FY2026 sunseting of the HH-60G MPS Core Mission Planning (CMP): - Extend JOMS to develop and deliver additional core mission planning capabilities required for additional SMACC aircraft, such as, but not limited to E-3, EA-37B, and E-7, including deployments to connected and disconnected operations Theater Air Planning System of Systems (TAP-SoS): - Design and prototype dynamic mission replanning software for operational C2 to optimize decision making and battlespace awareness by integrating MPS, ABMS, Air Operations Centers, and MAFC2 across the DAF BATTLE NETWORK (DBN) - Enhance data transmission capability between the Unified Data Library (UDL) and aircraft enabling near to real-time updates integrating with the DBN FY 2025 to FY 2026 Increase/Decrease Statement: Increase of \$41.328 million for TAP-SoS initiatives enabling integration and real-time data sharing with multiple C2 systems, including but not limited to Advanced Battle Management System (ABMS), Air Operations Centers, and Mobility Air Force C2 (MAFC2). \$15.232M to accelerate modernization of B-1, F-15, and F-22 to meet operational requirements.				
Title: Mission Planning Systems Joint Mission Planning System (MPS JMPS) Development Description: JMPS Development provides new and improved mission planning capability via software applications for Agile Combat Employment (ACE) software applications for pre-flight, dynamic/in-flight replanning, and post-flight analysis; provides software for operational engagement to optimize the kill chain; and supports platform Operational Flight Program (OFP) requirements, such as new weapons, avionics upgrades, communications systems, etc. The OFPs requiring Mission Planning Environment (MPE) updates under the JMPS Development effort include, but are not limited to: B-1, F-15, and F-22. Legacy programs were restructured at the end of FY2024. MPS JMPS Development consolidated JMPS efforts for thrust areas F-15 Modernization, F-22 Modernization, and B-1 Modernization. FY 2025 Plans: F-15 JMPS Development: - Continue software release in support of JMPS planning/replanning requirements and OFP release cadence B-1 Development:		0.000	1.432	2.865

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208006F / <i>Mission Planning Systems</i>		Project (Number/Name) 675380 / <i>Mission Planning Systems (MPS) Modernization</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
- Develop JMPS MPE improvements that increase B-1 lethality, survivability, and readiness in a contested environment, such as crypto key enhancements, Long Range Anti-Ship Missile (LRASM) integration, and hypersonic weapons integration FY 2026 Plans: F-15 JMPS Development: - Complete software release in support of JMPS planning/replanning requirements and OFP release cadence F-22 JMPS Development: - Complete development and field JMPS MPE improvements that increase F-22 lethality, survivability, and readiness in a contested environment, such as OFP requirements for Link 16 and Mode 5 Transmit/Interrogate enhancements B-1 Development: - Complete development and field JMPS MPE improvements that increase B-1 lethality, survivability, and readiness in a contested environment, such as crypto key enhancements, Long Range Anti-Ship Missile (LRASM) integration, and hypersonic weapons integration MPS JMPS Development program will move to sustainment at end of FY2026 with full fielding. FY 2025 to FY 2026 Increase/Decrease Statement: Efforts were delayed from FY2025 to FY2026 due to FY2025 funding reduction for program carryover. \$2.865M needed in FY2026 to complete JMPS Development.					
Title: F-15 Modernization Description: In support of Combat Air Forces-Global Strike (CAF-GS) modernization, the F-15 Modernization effort incorporates and enables use of new lethal and survivable capabilities being developed in the F-15 Operational Flight Program (OFP) as well as increases readiness and affordability through incremental incorporation of Joint Mission Planning System (JMPS) Open Mission System (JOMS) microservices. FY 2025 Plans: Program restructured at end of FY2024. JMPS activities now captured under Mission Planning System (MPS) JMPS Development Thrust for FY2025 and Modernization activities captured under the Mission Planning Modernization Thrust for FY2025+. FY 2026 Plans:			7.641	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / <i>Mission Planning Systems</i>	Project (Number/Name) 675380 / <i>Mission Planning Systems (MPS) Modernization</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
Program restructured at end of FY2024. JMPS activities now captured under MPS JMPS Development Thrust for FY2025 and Modernization activities captured under the MP Modernization Thrust for FY2025+. FY 2025 to FY 2026 Increase/Decrease Statement: Program restructured at end of FY2024. JMPS activities now captured under MPS JMPS Development Thrust for FY2025 and Modernization activities captured under the MP Modernization Thrust for FY2025+.			
Title: F-22 Modernization Description: In support of Combat Air Forces-Global Strike (CAF-GS) modernization, the F-22 Modernization effort incorporates and enables use of new lethal and survivable capabilities being developed in the F-22 Operational Flight Program (OFP), including sensor enhancements, Link 16 Transmit, Mode 5 interrogate and transponder updates, Infrared Search and Track Pod, Special Program upgrades, radar updates and pilot display updates as well as increases readiness and affordability through incremental incorporation of Joint Mission Planning System (JMPS) Open Mission System (JOMS) microservices. FY 2025 Plans: Program restructured at end of FY2024. JMPS activities now captured under MPS JMPS Development Thrust for FY2025 and Modernization activities captured under the MP Modernization Thrust for FY2025+. FY 2026 Plans: Program restructured at end of FY2024. JMPS activities now captured under MPS JMPS Development Thrust for FY2025 and Modernization activities captured under the MP Modernization Thrust for FY2025+. FY 2025 to FY 2026 Increase/Decrease Statement: Program restructured at end of FY2024. JMPS activities now captured under MPS JMPS Development Thrust for FY2025 and Modernization activities captured under the MP Modernization Thrust for FY2025+.		6.311	0.000
Title: B-1 Modernization Description: In support of Combat Air Force Global Strike (CAF-GS) modernization, the B-1 Modernization effort modernizes the fielded B-1 MPE to enable efficient use of new and improved capabilities being developed in the Operational Flight Program (OFP)s. FY 2025 Plans: Program restructured at end of FY2024. Activities now captured under MPS JMPS Development Thrust in FY2025+. FY 2026 Plans:		7.881	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems	Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Program restructured at end of FY2024. Activities now captured under MPS JMPS Development Thrust in FY2025+.				
FY 2025 to FY 2026 Increase/Decrease Statement: Program restructured at end of FY2024. Activities now captured under MPS JMPS Development Thrust in FY2025+.				
Title: Global Mobility Modernization Description: Continue development, testing, and fielding of the Agile Global Mobility (AGM) JMPS MPE for C-5, C-17, C-130, KC-135, and KC-46 to enable changes in Operational Flight Program (OFP), global command and control (C2), and operational mission requirements. Meets evolving Major Command (MAJCOM) employment concepts and increases lethality, survivability, readiness, and affordability via agile development and phased capability delivery, as well as increases readiness and affordability through incremental incorporation of Joint Mission Planning System (JMPS) Open Mission System (JOMS) microservices and advanced development experimental prototypes. FY 2025 Plans: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust. FY 2026 Plans: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust. FY 2025 to FY 2026 Increase/Decrease Statement: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust.		19.257	0.000	0.000
Title: Special Mission Modernization Description: Modernizes and/or creates modernized mission planning capabilities for Special Mission Air Combat Command (SMACC) and Combat Search and Rescue (CSAR) aircraft (E-3, E-7, E-8, EA-37, EC-130, RC-135, HC-130J, HH-60G/ W). Increases readiness and affordability through transition from Joint Mission Planning System (JMPS) to connected and disconnected JMPS Open Mission System (JOMS) Mission Planning Environments (MPEs). Develops critical CSAR situational awareness tools such as Counter Listener Acoustics Warfare and Survivor Broadcast Overlay Tool. FY 2025 Plans: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust. FY 2026 Plans: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust. FY 2025 to FY 2026 Increase/Decrease Statement:		13.205	0.000	0.000

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Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems				Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization			
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026
Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust.											
Title: Mission Planning Systems (MPS) Core Mission Planning (CMP)									27.263	0.000	0.000
Description: Mission Planning System (MPS) Core Mission Planning (CMP) develops common mission planning capabilities, user interfaces, and underlying software architecture for all tactical mission planners and encompasses the core functions as microservices for modern architecture to continuously develop and deploy software. CMP is the software foundation that offers a solution that automates and fuses data to enable time-sensitive planning in a changing environment and give Department of Defense (DoD) and partner forces a competitive advantage. This family of mission planning capabilities provides access to information, automated tools, and decision aids needed to rapidly plan and execute aircraft, weapon, sensor, or other types of missions, as well as support post-mission analysis of recorded data. These capabilities allow warfighters to perform unit- and force-level planning. MPS CMP is a critical capability to the overall Mission Planning Modernization effort and will result in enhanced system performance (lethality and survivability), readiness, security, and affordability.											
FY 2025 Plans: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust.											
FY 2026 Plans: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust.											
FY 2025 to FY 2026 Increase/Decrease Statement: Program restructured at end of FY2024. Activities now captured under MP Modernization Thrust.											
Accomplishments/Planned Programs Subtotals									81.558	78.653	136.646
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
• OPAF 03 Line Item 833170: Mission Planning Systems	14.254	18.474	18.722	-	18.722	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
Consolidated ACAT III programs in Software Acquisition and Process (SWAP), moving Core Mission Planning (CMP) software services and architecture, Combat Air Forces (CAF) and Global Strike (GS) mission capabilities, Global Mobility and Special Mission (GMSM) capabilities, and Mission Planning System (MPS) Weapons integration are consolidating into a single Mission Planning Modernization program of record entering the Software Acquisition Pathway Planning Phase in FY2025. Similarly, JMPS activities are consolidating into a single JMPS Sustainment program of record.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
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The SWAP acquisition strategy approach focuses on agile software development, continuous integration/continuous delivery of capability and constant feedback. MPS employs best practice commercial technical approaches, including open, modular architecture to maximize extensibility and reuse while increasing speed to the field. MPS utilizes a variety of contracting approaches. These include, but are not limited to, competitively awarded Task Orders utilizing strategic sourcing vehicles such as Government-wide Acquisition Contracts and Federal Supply Schedules that offer access to a large pool of vendors. For the efforts listed above, the Program Executive Officer (PEO) Command, Control, Communications and Battle Management (C3BM) at Hanscom AFB, MA provides the program management, contracts, legal, and financial management support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems				Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Mission Planning Software Development	C/Various	Various : Various	0.000	28.528	Nov 2023	28.162	Nov 2024	79.784	Nov 2025	-		79.784	-	-	-
SMACC CSAR Tools	MIPR	Various : Various	0.000	0.371	Jan 2024	0.382	Jan 2025	0.393	Jan 2026	-		0.393	-	-	-
Systems Engineering and Integration	C/T&M	Leidos, Inc. : Reston, VA	0.000	18.482	Jan 2024	19.679	Jan 2025	19.886	Jan 2026	-		19.886	-	-	-
Core Mission Planning	C/T&M	Northrop Grumman : Herndon, VA	0.000	20.625	Jan 2024	15.351	Jan 2025	19.448	Jan 2026	-		19.448	-	-	-
Common Components	C/Various	Various : Various	0.000	6.237	Nov 2023	5.715	Nov 2024	6.661	Nov 2025	-		6.661	-	-	-
Subtotal			0.000	74.243		69.289		126.172		-		126.172	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cost Estimating	C/T&M	Odyssey Systems : Wakefield, MA	0.000	0.202	Nov 2023	0.217	Nov 2024	0.231	Nov 2025	-		0.231	-	-	-
Subtotal			0.000	0.202		0.217		0.231		-		0.231	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Responsible Test Organization (RTO)	PO	96CTG : Eglin AFB, FL	0.000	4.471	Dec 2023	5.093	Dec 2024	5.435	Dec 2025	-		5.435	-	-	-
Certification and Accreditation	MIPR	JITC : Fort Huachuca, AZ	0.000	0.050	Feb 2024	0.050	Feb 2025	0.050	Feb 2026	-		0.050	-	-	-
Operational Testing	PO	28TH TEST AND EVAL : Eglin AFB, FL	0.000	0.200	Apr 2024	0.200	Apr 2025	0.200	Apr 2026	-		0.200	-	-	-
Type I Training	PO	96CTG : Eglin AFB, FL	0.000	0.375	Jul 2024	0.450	Jul 2025	1.175	Jul 2026	-		1.175	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems				Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Field Representative Hardware	C/Various	Various : Various	0.000	0.442	Nov 2023	0.425	Nov 2024	0.425	Nov 2025	-		0.425	-	-	-
Subtotal			0.000	5.538		6.218		7.285		-		7.285	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering and Technical Support	RO	MITRE Corp : Bedford, MA	0.000	1.575	Oct 2023	2.929	Oct 2024	2.958	Oct 2025	-		2.958	-	-	-
Subtotal			0.000	1.575		2.929		2.958		-		2.958	-	-	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			0.000	81.558		78.653		136.646		-		136.646	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208006F / Mission Planning Systems	Project (Number/Name) 675380 / Mission Planning Systems (MPS) Modernization	

	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
<i>Mission Planning Systems (MPS) Modernization</i>																												
CAF-GS Modernization Continuous Integration, Test, and Fielding																												
JMPS Development Continuous Integration, Test and Fielding																												
F-15 v24 Fielding																												
F-15 v25 Fielding																												
F-22 v14.5.005 Fielding																												
B-1 Release 14.0 Fielding																												
B-1 Release 14.1 Fielding																												
GM-SM Modernization Continuous Integration, Test, and Fielding																												
GM: Agile Global Mobility Rel 1.1.260																												
GM: Agile Global Mobility Rel 1.1.270																												
SM: CSAR Rel 2.0.015																												
SM: CSAR Rel 2.0.016																												
SM: RC-135 Minimum Viable Product																												
Integrate additional capabilities for remaining C2-ISR aircraft																												
MP Modernization: Continuous Capability Delivery per ACC IS-CDD																												
MPS Core Mission Planning Continuous Integration, Test & Release																												
TAP-SoS Dynamic Mission Replanning MVCR																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0208006F / Mission Planning Systems

Project (Number/Name)

675380 / Mission Planning Systems (MPS)
Modernization

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Mission Planning Systems (MPS) Modernization				
CAF-GS Modernization Continuous Integration, Test, and Fielding	1	2024	4	2029
JMPS Development Continuous Integration, Test and Fielding	1	2024	4	2025
F-15 v24 Fielding	4	2024	3	2025
F-15 v25 Fielding	4	2025	3	2026
F-22 v14.5.005 Fielding	4	2025	3	2026
B-1 Release 14.0 Fielding	2	2025	2	2025
B-1 Release 14.1 Fielding	4	2025	3	2026
GM-SM Modernization Continuous Integration, Test, and Fielding	1	2025	4	2029
GM: Agile Global Mobility Rel 1.1.260	3	2025	3	2025
GM: Agile Global Mobility Rel 1.1.270	1	2026	1	2026
SM: CSAR Rel 2.0.015	4	2025	4	2025
SM: CSAR Rel 2.0.016	1	2026	1	2026
SM: RC-135 Minimum Viable Product	2	2024	4	2025
Integrate additional capabilities for remaining C2-ISR aircraft	4	2024	4	2026
MP Modernization: Continuous Capability Delivery per ACC IS-CDD	1	2025	4	2029
MPS Core Mission Planning Continuous Integration, Test & Release	1	2025	1	2029
TAP-SoS Dynamic Mission Replanning MVCR	1	2026	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0208007F I Tactical Deception							
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	0.000	35.250	0.539	13.711	0.000	13.711	-	-	-	-	-	-
674550: Air Base Resiliency	0.000	35.250	0.539	13.711	0.000	13.711	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Tactical Deception is a Service program to provide a suite of technologies that will enable the USAF to minimize, distort, or create signatures. This includes technologies to confuse or mislead all major categories of adversary sensors. These capabilities can reduce confidence in adversary assessments, exhaust intelligence enterprises, and disrupt targeting cycles. In addition, these technologies and tactics techniques and procedures (TTPs) can be employed across the competition continuum for deterrence or advantage in conflict. Tac-D, CISR also supports all activities and costs needed to support the Air Force to further these types of development projects, as well as, required program support costs (PSC).

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, 0605898F, 0606398F. In FY24 \$0 million was expended for civilian pay expenses in this program element, and in FY25 \$200 thousand is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	26.533	0.539	0.553	0.000	0.553
Current President's Budget	35.250	0.539	13.711	0.000	13.711
Total Adjustments	8.717	0.000	13.158	0.000	13.158
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	9.634	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.917	0.000			
• Other Adjustments	0.000	0.000	13.158	0.000	13.158

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0208007F I Tactical Deception	
<u>Congressional Add Details (\$ in Millions, and Includes General Reductions)</u> Project: 674550: Air Base Resiliency Congressional Add: Radar Modeling 			

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0208007F I Tactical Deception	
		FY 2024	FY 2025
FY 2024 Accomplishments: Signature Management Congressional Add used for Technical Maturation Risk Reduction Contract to develop tactical deception assets. Radar Modeling Congressional Add used to develop models of Technical Deception Assets.			
FY 2025 Plans: N/A			
Congressional Adds Subtotals		9.634	0.000
D. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
Due to the level of classification of tactical deception efforts, additional details will be provided upon request through the appropriate forum.			
E. Acquisition Strategy			
In FY26 Tactical Deception will continue working to mature & validate technologies to procurement and fielding.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208007F / Tactical Deception				Project (Number/Name) 674550 / Air Base Resiliency					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TMRR Contract	C/CPAF	Various : Huntsville, AL	-	9.208	Sep 2024	-		-		-		-	-	-	-
Radar Modeling (XA)	SS/CPFF	Various : Los Angeles, CA	-	10.428	Aug 2024	-		-		-		-	-	-	-
SR Prototype	MIPR	Various : Calumet, MI	-	2.790	Jul 2024	-		-		-		-	-	-	-
Daiquiri	TBD	Various : TBD	-	0.000	Aug 2024	-		7.200	Aug 2026	-		7.200	-	-	-
CREED	TBD	Various : TBD	-	1.531	Mar 2024	-		-		-		-	-	-	-
Lemon Drop 1	Various	Various : TBD	-	4.691	Nov 2024	-		-		-		-	-	-	-
Old Fashion	C/CPAF	Various : Houghton, MI	-	2.203	Dec 2024	-		-		-		-	-	-	-
Screwdriver	TBD	Various : TBD	-	-		-		1.500	Aug 2026	-		1.500	-	-	-
Long Island	TBD	Various : TBD	-	-		-		1.500	Aug 2026	-		1.500	-	-	-
Martini	TBD	Various : TBD	-	-		-		0.738	Aug 2026	-		0.738	-	-	-
Black & Tan	TBD	Various : TBD	-	-		-		0.750	Aug 2026	-		0.750	-	-	-
Subtotal			-	30.851		-		11.688		-		11.688	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
RAND Study	MIPR	Various : Fort Belvoir, VA	-	0.630	Jul 2024	-		-		-		-	-	-	-
Civ Pay - Direct Cite Authorization (DCA)	Allot	AFLCMC/FZA : Wright Pat, OH	-	-		0.200	Oct 2024	-		-		-	-	-	-
Subtotal			-	0.630		0.200		-		-		-	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208007F / Tactical Deception				Project (Number/Name) 674550 / Air Base Resiliency					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	MIPR	Chicken Little : Eglin AFB, FL	-	2.600	Mar 2024	0.000	Jan 2025	0.373	Aug 2026	-		0.373	-	-	-
Subtotal			-	2.600		0.000		0.373		-		0.373	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration (PMA)	Various	Various : WPAFB, OH	-	1.169	Dec 2024	0.339	Dec 2025	1.650	Aug 2026	-		1.650	-	-	-
Subtotal			-	1.169		0.339		1.650		-		1.650	-	-	N/A
Remarks															
PMA: Other government costs (travel and contractor support)															
			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			-	35.250		0.539		13.711		-		13.711	-	-	N/A
Remarks															
Due to the level of classification of tactical deception efforts, additional details will be provided upon request through the appropriate forum.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)	
3600 / 7	PE 0208007F / <i>Tactical Deception</i>	674550 / <i>Air Base Resiliency</i>	

	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
<i>Non-Kinetic Air Base Defense Development</i>																												
Non-Kinetic Defense Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208007F / <i>Tactical Deception</i>	Project (Number/Name) 674550 / <i>Air Base Resiliency</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Non-Kinetic Air Base Defense Development</i>				
Non-Kinetic Defense Development	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0208087F / <i>Distributed Cyber Warfare Operations</i>

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	0.000	40.457	29.996	31.197	0.000	31.197	-	-	-	-	-	-
674543: <i>AF Offensive Cyber Operations</i>	0.000	40.457	29.996	31.197	0.000	31.197	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Distributed Cyber Warfare Operations (DCWO) consists of a portfolio of programs and projects that conduct Research, Development, Testing and Evaluation (RDT&E) leading to operations-ready offensive cyberspace capabilities. This includes the transition of efforts from laboratory, industry, and academia via studies, accelerated prototyping, and technology demonstrations. DCWO effectiveness comes from balancing acquisition related RDT&E efforts in three Air Force (AF) offensive cyber operations (OCO) mission threads (Off Network, Telephony Network, and the associated Infrastructure that propel the Off Network and Telephony Network mission threads) across three OCO-related subsystems and technical enablers (Platforms, Access, and Cyber Weapons) that enable products, services, and systems in the DCWO portfolio. The resulting DCWO capabilities provide cyber effects to Combatant Commanders and other offensive cyber customers to enable air superiority.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$1.995M was expended for civilian pay expenses in this program element, and in FY25 \$2.046M is forecasted for civilian pay expenses in this program element.

The FY 2026 request was reduced by \$1.049 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."

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0208087F I Distributed Cyber Warfare Operations			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	50.122	29.996	33.060	0.000	33.060
Current President's Budget	40.457	29.996	31.197	0.000	31.197
Total Adjustments	-9.665	0.000	-1.863	0.000	-1.863
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-8.500	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-1.165	0.000			
• Other Adjustments	0.000	0.000	-1.863	0.000	-1.863
Change Summary Explanation					
The FY24 funding request decreased by \$8.500M due to a Congressional Directed Reduction: The Department of Defense Appropriations Bill, 2024, cited this amount as an "Access/Infrastructure unjustified request."					
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: AF Cyber Mission Platform (CMP)	2.603	0.000	0.000	0.000	0.000
Description: Platform capabilities primarily consist of the USAF Cyber Mission Platform (CMP) program. CMP is an Acquisition Category (ACAT) III program of record that provides a modular, configurable framework for cyberspace operations. The CMP framework is currently being applied to offensive cyber operations and may also be applied to defensive cyber operations in the future as prioritized by CMP stakeholders. CMP uses an Agile acquisition strategy that allows the USAF to dynamically prioritize the delivery of operational capabilities. The CMP program develops capability enhancements on a regular cadence and delivers them to operations based on operational need and acceptance timelines. The program office will posture to work RDT&E efforts on core CMP capabilities until the USCYBERCOM Joint Common Access Platform (JCAP) is fielded for operations. Moreover, the program office will continue to conduct DCWO development activities to integrate unique, Air Force-specific, platform related capabilities in support of cyber missions.					
FY 2025 Plans:					
Transfer remaining essential products of the AF CMP major thrust within PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations) to new FY 2025 DCWO major thrust.					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0208087F I Distributed Cyber Warfare Operations				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Within the new DCWO major thrust, the Platform OCO product line (formerly the AF CMP thrust) will consist of the Off Network, Telephony Network, and Infrastructure mission thread portfolios. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A						
Title: Access/Infrastructure Description: Access and Infrastructure capabilities provide connectivity and required infrastructure to conduct OCO. USAF OCO access and infrastructure solutions are developed and fielded through the DCWO program office and also leverage industry and other Government/non-Government mission partner applications and programs. FY 2025 Plans: Transfer the Access/Infrastructure major thrust within PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations) to the new FY 2025 DCWO major thrust. Within the new DCWO major thrust, Access OCO product line (formerly the Access/Infrastructure thrust) will consist of the Off Network, Telephony Network, and Infrastructure mission thread portfolios. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A		37.854	0.000	0.000	0.000	0.000
Title: DCWO (Formerly AF Cyber Mission Platform, Access/Infrastructure, and Payloads) Description: DCWO portfolio consists of a variety of capabilities previously described as Platform, Access, and Payloads products and services prior to FY 2025. In FY 2025, DCWO programs and projects are managed and delivered in a more cohesive and integrated fashion more closely aligned to OCO organizations executing		0.000	29.996	31.197	0.000	31.197

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0208087F I Distributed Cyber Warfare Operations				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
operations across applicable AF OCO mission threads (Off Network, Telephony Network, and associated Infrastructure that enables the Off network and Telephony network mission threads). Therefore, the new DCWO major thrust will comprise the Platform (formerly the AF CMP thrust), Access (formerly the Access/Infrastructure thrust), and Cyber Weapons (formerly the Payloads thrust) OCO-related product lines as subsystems and technical enablers that will each consist of the Off Network, Telephony Network, and Infrastructure mission thread portfolios. DCWO products and services are managed, developed, fielded, and sustained through the AF Life Cycle Management Center, Cyber Warfare Mission Systems (AFLCMC/HNCO) Program Management Office (PMO). FY 2025 Plans: Platforms (Formerly the AF CMP thrust) -Off-network: Continue to develop and field SPECTRAL RAPTOR capabilities to enable Cyber Enabled Air Superiority (CEAS) -Telephony Network: Continue to develop and integrate Network Attack System (NAS) capabilities and develop the LOCUTUS mission planning capability -Infrastructure: Continue to develop and field Air Force-unique connectivity and associated Infrastructure products and services in support of Off Network and Telephony Network mission and capability requirements (i.e. Coral Dragon, Secure View (SV), Cross-Domain Shared Services Framework (CDSSF). Access (Formerly the Access/Infrastructure thrust) -Off-network: Continue to develop and field SPECTRAL RAPTOR capabilities to enable CEAS -Telephony Network: Continue to develop and integrate Dark Nebula (DANE) capabilities -Infrastructure: Continue to develop and field Air Force-unique connectivity and associated Infrastructure products and services in support of Off Network and Telephony Network mission and capability requirements (i.e., Kraken, SV, CDSSF). Cyber Weapons (Formerly the Payloads thrust) -Infrastructure: Continue to develop and field Air Force-unique connectivity and associated Infrastructure products and services in support of Off Network and Telephony Network mission and capability requirements (i.e., Wicked Wizard (WW), SV, CDSSF). FY 2026 Base Plans: Platforms (Formerly the AF CMP thrust)						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development				R-1 Program Element (Number/Name) PE 0208087F I Distributed Cyber Warfare Operations							
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
-Off-network: Will continue to develop and field SPECTRAL RAPTOR capabilities to enable Cyber Enabled Air Superiority (CEAS) -Telephony Network: Will continue to develop and integrate Network Attack System (NAS) capabilities and develop the LOCUTUS mission planning capability -Infrastructure: Will continue to develop and field Air Force-unique connectivity and associated Infrastructure products and services in support of Off Network and Telephony Network mission and capability requirements (i.e. Coral Dragon, Secure View (SV), Cross-Domain Shared Services Framework (CDSSF). Access (Formerly the Access/Infrastructure thrust) -Off-network: Will continue to develop and field SPECTRAL RAPTOR capabilities to enable CEAS -Telephony Network: Will continue to develop and integrate Dark Nebula (DANE) capabilities -Infrastructure: Will continue to develop and field Air Force-unique connectivity and associated Infrastructure products and services in support of Off Network and Telephony Network mission and capability requirements (i.e., Kraken, SV, CDSSF). Cyber Weapons (Formerly the Payloads thrust) -Infrastructure: Will continue to develop and field Air Force-unique connectivity and associated Infrastructure products and services in support of Off Network and Telephony Network mission and capability requirements (i.e., Wicked Wizard (WW), SV, CDSSF). FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to incorporation of additional Spectral Raptor program requirements to support CEAS, to include standup of the ANG 179 Cyber Wing in Mansfield, OH.											
Accomplishments/Planned Programs Subtotals							40.457	29.996	31.197	0.000	31.197
D. 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
• OPAF 03 834320: C3 Countermeasures	30.646	25.418	30.216	-	30.216	-	-	-	-	-	-

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0208087F I Distributed Cyber Warfare Operations						
D. Other Program Funding Summary (\$ in Millions)											
	<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u> <u>Base</u>	<u>FY 2026</u> <u>OOB</u>	<u>FY 2026</u> <u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To</u> <u>Complete</u> <u>Total Cost</u>
<u>Remarks</u>											
E. Acquisition Strategy											
The AFLCMC/HNCO PMO will utilize Concept, Development, Risk Management, Production, or Deployment Plans as part of a streamlined approach to DCWO acquisition planning. All plans will contain sufficient information for the Milestone Decision Authority (MDA) to determine readiness to enter into the applicable phase of the acquisition process. DCWO will execute under both new and existing contractual vehicles, such as Government-Wide Acquisition Contract (GWAC) vehicles (Alliant, Encore II, Solutions for Enterprise-Wide Procurement IV (SEWP IV)), General Services Administration (GSA) Federal Supply Schedules, and a Cyber Indefinite Delivery Indefinite Quantity (IDIQ) contract. The use of multiple-award contractual vehicles will provide a wide range of commercially-available products and services that should meet many requirements related to Offensive Cyberspace Operations. These multiple-award contractual vehicles have already met the statutory requirements of the Competition in Contracting Act (CICA), which requires a fair opportunity to all contract holders, in accordance with Federal Acquisition Regulation (FAR) 16.505, unless an exception to fair opportunity applies.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208087F / <i>Distributed Cyber Warfare Operations</i>				Project (Number/Name) 674543 / <i>AF Offensive Cyber Operations</i>					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCWO Development	Various	Various : Various : TBD	-	0.000	Nov 2023	21.050	Oct 2024	22.418	Nov 2025	-		22.418	-	-	-
Access/Infrastructure Development	Various	Various : Various : TBD	-	29.273	Nov 2023	-		-		-		-	-	-	-
AF Cyber Mission Platform Development	Various	Various : Various : TBD	-	0.439	Nov 2023	-		-		-		-	-	-	-
Subtotal			-	29.712		21.050		22.418		-		22.418	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCWO Support (DCA-AF Offensive Cyber Operations Development)	Allot	USAF Hanscom AFB, MA : TBD	-	1.995	Oct 2023	2.046	Oct 2024	1.989	Nov 2025	-		1.989	-	-	-
Subtotal			-	1.995		2.046		1.989		-		1.989	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCWO Test and Evaluation	PO	47 CTS San Antonio, TX : TBD	-	1.563	Dec 2023	1.300	Dec 2024	1.293	Dec 2025	-		1.293	-	-	-
Subtotal			-	1.563		1.300		1.293		-		1.293	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DCWO Management Services (PSC -	Various	Various San Antonio, TX : TBD	-	7.187	Nov 2023	5.600	Nov 2024	5.497	Nov 2025	-		5.497	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208087F / Distributed Cyber Warfare Operations						Project (Number/Name) 674543 / AF Offensive Cyber Operations			
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Acquisition Support (Various))															
Subtotal			-	7.187		5.600		5.497		-		5.497	-	-	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			-	40.457		29.996		31.197		-		31.197	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208087F / Distributed Cyber Warfare Operations		Project (Number/Name) 674543 / AF Offensive Cyber Operations	

	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
DCWO (Formerly AF Cyber Mission Platform, Access/Infrastructure, and Payloads)																												
Platform Off Network Capabilities																												
Platform Telephony Network Capabilities																												
Platform Infrastructure Capabilities																												
Access Off Network Capabilities																												
Access Telephony Network Capabilities																												
Access Infrastructure Capabilities																												
Cyber Weapons Infrastructure Capabilities																												
AF Cyber Mission Platform (elements moved to "DCWO - On Network" in FY25)																												
CMP																												
Access/Infrastructure (moved to "DCWO" - Off Network/"TelephonyNetwork"/"Infrastructure" in FY25)																												
Spectral Raptor																												
Infrastructure/Chimera																												
Infrastructure/Cross Domain																												
Telephony Network Access/Network Attack																												
Data Analytics/Kraken																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208087F / <i>Distributed Cyber Warfare Operations</i>	Project (Number/Name) 674543 / <i>AF Offensive Cyber Operations</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>DCWO (Formerly AF Cyber Mission Platform, Access/Infrastructure, and Payloads)</i>				
Platform Off Network Capabilities	1	2025	4	2030
Platform Telephony Network Capabilities	1	2025	4	2030
Platform Infrastructure Capabilities	1	2025	4	2030
Access Off Network Capabilities	1	2025	4	2030
Access Telephony Network Capabilities	1	2025	4	2030
Access Infrastructure Capabilities	1	2025	4	2030
Cyber Weapons Infrastructure Capabilities	1	2025	4	2030
<i>AF Cyber Mission Platform (elements moved to "DCWO - On Network" in FY25)</i>				
CMP	1	2024	4	2024
<i>Access/Infrastructure (moved to "DCWO" - Off Network"/"TelephonyNetwork"/"Infrastructure" in FY25)</i>				
Spectral Raptor	1	2024	4	2024
Infrastructure/Chimera	1	2024	4	2024
Infrastructure/Cross Domain	1	2024	4	2024
Telephony Network Access/Network Attack	1	2024	4	2024
Data Analytics/Kraken	1	2024	4	2024

Note

Notes:

Will consolidate products and services previously developed under two AF CMP and Access/Infrastructure major thrusts within PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations) to the new DCWO major thrust in FY25. The new DCWO major thrust will comprise the Platform

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208087F / Distributed Cyber Warfare Operations	Project (Number/Name) 674543 / AF Offensive Cyber Operations
(formerly the AF CMP thrust), Access (formerly the Access/Infrastructure thrust), and Cyber Weapons (formerly the Payloads thrust) OCO-related product lines as subsystems and technical enablers that will each consist of the Off Network, Telephony Network, and Infrastructure mission thread portfolios. NOTE. Payloads will be renamed to Cyber Weapons as outlined by Congressional requirements in the FY22 NDAA, Section 1507, transferring responsibilities for the planning, programming, budgeting, and execution of the resources to USCYBERCOM. DCWO - Efforts are classified and information can be provided on a need-to-know basis - Balances acquisition related RDT&E efforts in three AF OCO mission threads (Off Network, Telephony Network, and the associated Infrastructure that propel the Off Network and Telephony Network mission threads) across three OCO-related subsystems/technical enablers (Platforms, Access, and Cyber Weapons) that enable products, services, and systems in the DCWO portfolio - Efforts include: 1. Off-network and telephony network capabilities enabling OCO platforms (i.e., SPECTRAL RAPTOR, CEAS, NAS, LOCUTUS); 2. Off-network and telephony network capabilities enabling OCO access (i.e., SPECTRAL RAPTOR, CEAS, DANE), and various Infrastructure systems across the Platforms, Access, and Cyber Weapons subsystems/technical enablers (i.e. KRAKEN, WICKED WIZARD, SV, and CDSSF)		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0208088F / <i>AF Defensive Cyberspace Operations</i>

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	0.000	62.058	89.618	95.034	0.000	95.034	-	-	-	-	-	-
677820: <i>Computer Security RDTE: Firestarter</i>	0.000	7.068	7.237	7.395	0.000	7.395	-	-	-	-	-	-
677821: <i>Cyberspace Vulnerability Assessment</i>	0.000	6.618	0.000	0.000	0.000	0.000	-	-	-	-	-	-
677822: <i>Cyber Defense Analysis</i>	0.000	0.301	0.000	0.000	0.000	0.000	-	-	-	-	-	-
677823: <i>AFCERT</i>	0.000	48.071	0.000	0.000	0.000	0.000	-	-	-	-	-	-
677824: <i>677824 - Integrated Defensive Cyberspace System</i>	0.000	0.000	82.381	87.639	0.000	87.639	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Air Force Defensive Cyberspace Operations (AF DCO) allows the Department of the AF (DAF) to keep pace with the ever-evolving cyberspace threats. AF DCO develops capabilities that provide the DAF increased assurance in prosecuting air campaigns through enhanced cyber defense and situational awareness over the systems and assets required to enable the movement of forces.

AF DCO is building an integrated architecture that extends cyber defense to, and integrates data from, information systems, mission systems, and control systems relevant to air campaigns. The Integrated Defensive Cyberspace System (IDCS) will unify the missions of network defense and cyber protection teams, allowing them to conduct cyber missions from the same system with shared, mission-relevant data.

IDCS safeguards AF Information Network (AFIN) and Department of Defense (DoD) network enclaves including their associated computer systems, software applications and sensitive operational information against unauthorized access, intrusion, data exfiltration, corruption, and/or destruction. Legacy system modernization activities have been combined into IDCS (BPAC 677824). The Firestarter effort will continue to be funded in BPAC 677820. Firestarter capabilities will be incrementally integrated to be compatible with and operate within the IDCS. IDCS continually improves its capabilities through modern software delivery practices: continuous research and development (R&D), testing, fielding, and modification based on operational feedback.

IDCS is operated by the DAF Total Force, including Active Duty (AD), Air National Guard (ANG), and AF Reserve Command (AFRC) Airmen. IDCS enables rapid deployment of defensive cyber sensor capabilities while disrupting bad actors from exploiting critical vulnerabilities by developing and employing both automated decision making (ADM) and human/machine teaming (HMT) with trained defensive cyber operators. IDCS supports both enterprise (fixed) and edge/mobile use cases and allows the DAF to execute the Cyberspace Vulnerability Assessment/Hunter (CVA/H), AF Cyber Defense (ACD), and Cyber Defense Analysis (CDA) missions.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0208088F I AF Defensive Cyberspace Operations	
IDCS addresses a critical capability gap identified by the Secretary of the AF - the lack of a synchronized, enterprise-level approach to mitigate cyberspace vulnerabilities related to mission performance and/or mission assurance. Failing to address this gap will hinder the DAF ability to project Air Power and dominate in a fight against near-peer adversaries. IDCS integrates with, and makes its data available to, the DAF Data Fabric, Joint Cyberspace Warfighting Architecture (JCWA), and the Advanced Battle Management System (ABMS). IDCS provides increased visibility into health and readiness of cyberspace systems for both local and enterprise commanders. Activities also include various Advisory and Assistance Services (A&AS) and Program Management Administration (PMA) activities to support the aforementioned development efforts. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.953M was expended for civilian pay expenses in this program element, and in FY25 3.237M is forecasted for civilian pay expenses in this program element. In FY25, PE 0208088F, AF Defensive Cyberspace Operations, Project 677821, Cyberspace Vulnerability Assessment, Project 677822, Cyber Defense Analysis, and Project 677823, AFCERT efforts were transferred to PE 0208088F, AF Defensive Cyberspace Operations, Project 677824, Integrated Defensive Cyber System, in order to distinguish IDCS from previous efforts. The FY 2026 request was reduced by \$.998 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." This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0208088F I AF Defensive Cyberspace Operations			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	113.064	113.218	131.691	0.000	131.691
Current President's Budget	62.058	89.618	95.034	0.000	95.034
Total Adjustments	-51.006	-23.600	-36.657	0.000	-36.657
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-49.200	-23.600			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-1.806	0.000			
• Other Adjustments	0.000	0.000	-36.657	0.000	-36.657
Change Summary Explanation					
The FY24 funding request decreased by \$49.200M due to a Congressional Directed Reduction: The Department of Defense Appropriations Bill, 2024, cited this amount as an "IDCS unjustified request."					
The FY25 funding reduced by \$23.600M due to Continuous Resolution.					
The FY26 funding reduced due to realignment of program requirements across appropriations.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677820 / Computer Security RDTE: Firestarter			
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
677820: Computer Security RDTE: Firestarter	0.000	7.068	7.237	7.395	0.000	7.395	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Firestarter program provides newly improved capabilities and technical transition opportunities for Cyber Defense and Information Assurance (IA) technologies and tools needed to defend Air Force (AF) Command, Control, Communications, Computer, and Intelligence (C4I) systems from cyber attacks, while ensuring recovery in the event of an attack. The emphasis of the program is directed toward defensive cyberspace capabilities; computer and network systems security; damage assessment and recovery; cyber threat recognition, attribution, and mitigation; and active response methodologies in response to evolving threats and changes to cyber environment. These areas of emphasis are realized through research and development, test and acquisition in the areas of proactive defense, defensive counter cyberspace, cyberspace intelligence, surveillance and reconnaissance & situational awareness, persistent network operations, as well as decision support, recovery, and digital forensics. Current AF systems, such as the Air Force Network (AFNet) Non-Classified Internet Protocol Router Network (NIPRNet) Gateways, Secret Internet Protocol Router Network (SIPRNet) Modernization program, and Host Based Security System leverage this technology to meet their information assurance and defensive cyberspace needs/requirements.

Firestarter utilizes cyber and IA technology investments by United States Cyber Command (USCYBERCOM), the Defense Advanced Research Projects Agency (DARPA), the National Security Agency (NSA), Director of National Intelligence (DNI), Intelligence Advanced Research Projects Activity (IARPA), and the Department of Homeland Security (DHS), and various government research laboratories, to jump-start its development of solutions to existing AF cyber and IA requirements. This program supports AF Cyberspace strategic direction in support of Cyber Defense which provides capabilities to Sixteenth AF, as AF component to USCYBERCOM, Defense Information Systems Agency (DISA), National Security Agency (NSA), and other services to ensure Global Information Grid (GIG) cyber and IA requirements are being met. Activities performed include those designed to identify, analyze, test, rapidly acquire, and integrate emerging IA and cyber technology and defensive cyberspace weapons systems and capabilities into all regions of the GIG - terrestrial, airborne, and space systems. In addition, this effort will support implementation of Department of Defense (DoD) Enterprise-wide IA & Computer Network Defense (CND) Solutions Steering Group (ESSG) solutions.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0.000M was expended for civilian pay expenses in this program element, and in FY25 \$0.000M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Firestarter	7.068	7.237	7.395	-	7.395

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677820 / Computer Security RDTE: Firestarter		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: To provide newly improved capabilities and technical transition opportunities for Cyber Defense and IA technologies and tools needed to defend AF C4I systems from cyber-attacks, while ensuring recovery in the event of an attack. FY 2025 Plans: - Perform incident response via remote analysis of end points - Conduct detection, interception, and analysis of advanced malware - Perform detection and eradication of stealth dormant implants - Develop influence capabilities over adversary perceptions of blue cyber assets - Intercept malicious code over covert channels - Enhance cyber hardening of Industrial Control Systems (ICS)/Supervisory Control and Data Acquisition (SCADA) infrastructure - Research cyber defense for 5G protocol infrastructure and devices - Research cyber defense of space-born assets - Mature and implement Artificial Intelligence (AI) / Machine Learning (ML) systems for Cyber Mission Assurance - Adapt technologies in all of the above areas for joint distribution and sustainment via Iron Bank (DoD's cyber capability repository) FY 2026 Base Plans: - Will continue to perform incident response via remote analysis of end points - Will continue to conduct detection, interception, and analysis of advanced malware - Will continue to perform detection and eradication of stealth dormant implants - Will continue to develop influence capabilities over adversary perceptions of blue cyber assets - Will continue to intercept malicious code over covert channels - Will continue to enhance cyber hardening of ICS/SCADA infrastructure - Will continue to research cyber defense for 5G protocol infrastructure and devices - Will continue to research cyber defense of space-born assets - Will continue to mature and implement AI / ML systems for Cyber Mission Assurance - Will continue to adapt technologies in all of the above areas for joint distribution and sustainment via Iron Bank (DoD's cyber capability repository) FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677820 / Computer Security RDTE: Firestarter		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
The increase from FY25 to FY26 is an inflationary adjustment.						
Accomplishments/Planned Programs Subtotals		7.068	7.237	7.395	-	7.395
C. Other Program Funding Summary (\$ in Millions) N/A						
Remarks						
D. Acquisition Strategy Firestarter conducts late-stage Science and Technology (S&T) for tech demo and tech transition to warfighter employment. All contracts within this project are awarded using full and open competition and utilize evolutionary capability and incremental development. Where appropriate, collaborative efforts are conducted with services and agencies within the Department of the Air Force to result in more robust and cost-effective solutions. Contracting activities are primarily done through other agencies when deemed more advantageous. All aspects of the Firestarter project are managed by the AF Research Laboratory (AFRL).						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations						Project (Number/Name) 677820 / Computer Security RDTE: Firestarter			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Firestarter Development	C/CPFF	Various : Various	-	4.650	Jan 2024	4.766	Jan 2025	4.924	Jan 2026	-		4.924	-	-	9.401
Firestarter Integration	C/CPFF	Various : Various	-	1.318	Jan 2024	1.347	Jan 2025	1.347	Jan 2026	-		1.347	-	-	2.665
Subtotal			-	5.968		6.113		6.271		-		6.271	-	-	N/A
Remarks Multiple contractors and multiple universities reflect on-going efforts with over a dozen contractors and universities. Each has a different contract date depending on when that particular contract was awarded.															
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Firestarter Testing	C/CPFF	Various : Various	-	1.100	Jan 2024	1.124	Jan 2025	1.124	Jan 2026	-		1.124	-	-	2.224
Subtotal			-	1.100		1.124		1.124		-		1.124	-	-	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			-	7.068		7.237		7.395		-		7.395	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		
			Project (Number/Name) 677820 / Computer Security RDTE: Firestarter		

	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
Firestarter																												
Maturation of Cyber Defense Capabilities for Transition to Operations																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677820 / Computer Security RDTE: Firestarter

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Firestarter				
Maturation of Cyber Defense Capabilities for Transition to Operations	1	2024	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677821 / Cyberspace Vulnerability Assessment			
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
677821: Cyberspace Vulnerability Assessment	0.000	6.618	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Beginning in FY25, continuation of this work is described in Budget Program Activity Code (BPAC) 677824. Funding in this BPAC contributes to the development of software and related activities in support of the creation of the Integrated Defensive Cyberspace System (IDCS).

The Cyberspace Vulnerability Assessment/Hunter (CVA/H) weapon system provides Air Forces Cyber (AFCYBER) and Combatant Commanders additional mobile precision in addition to currently fielded protection capabilities to identify, pursue, and mitigate cyberspace threats. The CVA/H weapon system performs defensive sorties world-wide via remote or on-site access. CVA/H executes Hunter missions on Air Force (AF) and Department of Defense (DoD) networks and systems. Hunter operations characterize and then eliminate threats for the purpose of mission assurance. The Hunter mission focuses on the capability to find, fix, track, target, engage, and assess (F2T2EA) the advanced persistent threat (APT). This effort funds development efforts to enhance command and control situational awareness and to expand the capability of the current weapon system to meet scope and scale of the USCYBERCOM directed Cyber Protection Teams (CPTs) and AF Mission Defense Teams (MDTs).

Activity in this BPAC also supports development of enhancements to legacy AF Defensive Cyberspace Operations (DCO) weapon systems, as needed, to support current operations and facilitate the transition of legacy capabilities to the IDCS described more fully in BPAC 677824.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.000M was expended for civilian pay expenses in this BPAC, and in FY25 0.000M is forecasted for civilian pay expenses in this BPAC.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: CVA/H Development	6.618	0.000	0.000	0.000	0.000
Description: Development and integration of solutions supporting defensive cyber modernization in the area of DCO capabilities and technologies to meet capability gaps required by MDTs.					
FY 2025 Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677821 / Cyberspace Vulnerability Assessment			
B. Accomplishments/Planned Programs (\$ in Millions)						FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Transfer Project 677821 (Cyberspace Vulnerability Assessment) within PE 0208088F, (AF Defensive Cyberspace Operations) to Project 677824 (Integrated Defensive Cyberspace System).											
FY 2026 Base Plans: N/A											
FY 2026 OOC Plans: N/A											
FY 2025 to FY 2026 Increase/Decrease Statement: N/A											
Accomplishments/Planned Programs Subtotals						6.618	0.000	0.000	0.000	0.000	
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
• OPAF 03 834320: C3 Countermeasures	89.455	43.780	53.797	-	53.797	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
Funding in BPAC 677821 contributes to the IDCS and as such is accomplished under the same Acquisition Strategy described in BPAC 677824.											
Acquisition Strategy for the IDCS employs the Software Acquisition Pathway defined in DoDI 5000.87 and multiple software development providers. IDCS will be highly integrated with Joint Cyber Warfighting Architecture (JCWA) and Command, Control, Communications and Battle Management (C3BM)/Advanced Battle Management System (ABMS), leveraging this work to complement Department of the Air Force (DAF) investments in Defensive Cyber. IDCS will deliver new software capabilities through a continuous integration, continuous delivery (CI/CD) pipeline built on enterprise offerings. IDCS will employ an agile development process to deliver incremental capabilities at the speed required to counter the emerging and persistent cyber threat. IDCS will integrate commercial off the shelf (COTS), Government off the shelf (GOTS), and open-source software capabilities as appropriate to achieve an effective, efficient mission capability.											
IDCS will procure software development capacity through various existing and new contractual vehicles. Contract sources include Government-Wide Acquisition Contracts (GWACs) such as Alliant, Encore II, NASA Solutions for Enterprise-Wide Procurement IV (SEWP IV), and General Services Administration (GSA) Federal Supply Schedules. IDCS will also use Small Business Innovative Research (SBIR) and Air Force Research Laboratory (AFRL) contracts, Federally Funded Research											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677821 / Cyberspace Vulnerability Assessment

and Development Centers (FFRDCs), Advisory and Assistance Services (A&AS) contracts, and support from Test and Evaluation Enterprises. Wherever possible IDCS will use competitive contracts and task orders to ensure cost efficiency and industry engagement.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations						Project (Number/Name) 677821 / Cyberspace Vulnerability Assessment			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CVA/H Development	Various	Various : Various	-	6.618	Jan 2024	-		-		-		-	-	-	13.044
Subtotal			-	6.618		-		-		-		-	-	-	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			-	6.618		-		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		
			Project (Number/Name) 677821 / Cyberspace Vulnerability Assessment		

	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
Cyber Vulnerability Assessment																												
CVA/H Development																												
Test and Evaluation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677821 / Cyberspace Vulnerability Assessment

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Cyber Vulnerability Assessment				
CVA/H Development	1	2024	4	2024
Test and Evaluation	1	2024	4	2024

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677822 / Cyber Defense Analysis			
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
677822: Cyber Defense Analysis	0.000	0.301	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Beginning in FY25, continuation of this work is described in Budget Program Activity Code (BPAC) 677824.

The Cyberspace Defense Analysis (CDA) weapon system conducts Defensive Cyberspace Operations (DCO) during peace time and contingency operations and network defense by monitoring, collecting, analyzing, and reporting sensitive information transiting or residing on the Air Force Network (AFNet). CDA assessments of non-secure telecommunications determine type and amount of sensitive and/or classified information that may have been disclosed to our adversaries and encompasses several mission subsets, including: Telephony Communications, Radio Frequency (RF) Communications, Email Communications, Internet based Capabilities (IbC), and Cyber Operations Risk Assessment (CORA). The CDA weapon system protects the AF's critical information such as Personally Identifiable Information (PII), Operations Security (OPSEC), and other sensitive information through passive monitoring and active Data Loss Protection (DLP). CDA shows its true capability in the force protection realm, OPSEC, DLP, etc. and helps ensure our adversaries are not provided early warning of our plans, capabilities, or limitations.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0.000M was expended for civilian pay expenses in this program element, and in FY25 \$0.000M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Cyber Defense Analysis	0.301	0.000	0.000	0.000	0.000
Description: Engineering support to conduct Cyberspace Defense Analysis (CDA) assessment of non-secure telecommunications during peace time and contingency operations.					
FY 2025 Plans: Transfer Project 677822 (Cyber Defense Analysis) within PE 0208088F, (AF Defensive Cyberspace Operations) to Project 677824 (Integrated Defensive Cyberspace System).					
FY 2026 Base Plans: N/A					
FY 2026 OOC Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025							
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677822 / Cyber Defense Analysis							
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total			
N/A											
FY 2025 to FY 2026 Increase/Decrease Statement: N/A											
Accomplishments/Planned Programs Subtotals				0.301	0.000	0.000	0.000	0.000			
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
• OPAF 03 0208088F: AF Defensive Cyberspace Operations	89.455	43.780	53.797	-	53.797	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
Beginning in FY25, continuation of this work is described in Budget Program Activity Code (BPAC) 677824.											
Acquisition Strategy for the IDCS employs the Software Acquisition Pathway defined in DoDI 5000.87 and multiple software development providers. IDCS will be highly integrated with Joint Cyber Warfighting Architecture (JCWA) and Command, Control, Communications, and Battle Management (C3BM)/Advanced Battle Management System (ABMS), leveraging this work to complement Department of the Air Force investments in Defensive Cyber. IDCS will deliver new software capabilities through a continuous integration, continuous delivery pipeline built on enterprise offerings. IDCS will employ an agile development process to deliver incremental capabilities at the speed required to counter the emerging and persistent cyber threat. IDCS will integrate commercial off the shelf (COTS), Government off the shelf (GOTS), and open-source software capabilities as appropriate to achieve an effective, efficient mission capability.											
IDCS will procure software development capacity through various existing and new contractual vehicles. Contract sources include Government-Wide Acquisition Contracts (GWACs) such as Alliant, Encore II, NASA Solutions for Enterprise-Wide Procurement IV (SEWP IV), and General Services Administration (GSA) Federal Supply Schedules. IDCS will also use Small Business Innovative Research (SBIR) and Air Force Research Laboratory (AFRL) contracts, Federally Funded Research and Development Centers (FFRDCs), Advisory and Assistance Services (A&AS) contracts, and support from Test and Evaluation Enterprises. Wherever possible IDCS will use competitive contracts and task orders to ensure cost efficiency and industry engagement.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677822 / Cyber Defense Analysis					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CDA Program Support Costs	Various	AFLCMC/PZ : Hanscom, MA	-	0.301	Jan 2024	-		-		-		-	-	-	0.301
Subtotal			-	0.301		-		-		-		-	-	-	N/A
Remarks															
Provides program office subject matter expertise, engineering continuity, technical maturation and expertise, and access to an extensive professional network for future capabilities.															
			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			-	0.301		-		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations								Project (Number/Name) 677822 / Cyber Defense Analysis			

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677822 / Cyber Defense Analysis

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Cyber Defense Analysis				
Cyber Defense Analysis Program Support Costs	1	2024	4	2024

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677823 / AFCERT			
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
677823: AFCERT	0.000	48.071	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Beginning in FY25, continuation of this work is described in Budget Program Activity Code (BPAC) 677824. Funding in this BPAC contributes to the development of software and related activities in support of the creation of the Integrated Defensive Cyberspace System (IDCS).

IDCS generates defensive cyberspace capabilities supported by active response methodologies as the main focus of our efforts (we utilize National Institute of Standards and Technology (NIST)-standardized actions, such as protecting and securing computer and network systems, detecting and assessing damage, defending while recognizing / attributing / mitigating cyber threats, and recovering systems and data) as the Department of the Air Force (DAF) seeks to keep pace with ever-evolving threats and changes to our operational [cyber] environment.

IDCS benefits the DAF Total Force, including Active Duty (AD), Air National Guard (ANG), and Air Force Reserve Command (AFRC) Airmen by enabling rapid deployment of defensive cyber sensor capabilities while disrupting bad actors from exploiting critical vulnerabilities upon the initial discovery of adversarial action at the tactical edge, by utilizing both automated decision making (ADM) and human/machine teaming (HMT) with trained defensive cyber operators. IDCS will equip DAF operational units (predominantly Sixteenth Air Force (AFCYBER), 688th Cyber Wing Cyber Security Service Providers (CSSPs), and 67th Cyber Wing, Air Force Cyber Protection Teams (CPTs), in addition to Mission Defense Teams (MDTs) and network defenders) with capabilities required to sensor, monitor and protect DAF and ad-hoc mission networks (including networks utilized by Air Force Special Operations Command (AFSOC)), Industrial Control Systems (ICS), and Weapon Systems. IDCS supports both enterprise (fixed) and edge/mobile use cases.

IDCS exists to sustain two major components: (1) common sensor platform, known as VOLTRN+; (2) situational awareness platform, known as Enterprise Logging Ingest & Cyber Situational Awareness Refinery (ELICSAR), acting as DAF's version of a Big Data Platform (BDP). IDCS components are comprised of 3 main parts: (A) Strategic Data Platform; (B) Strategic and Tactical Analytics; (C) Joint Situational Awareness Applications. Working together, IDCS enables AF DCO to host, integrate, and feed defensive-cyber-related data, which informs both operational and strategic analysis, contributing to enhanced situational awareness for senior leaders.

IDCS addresses the lack of a synchronized, enterprise-level approach to mitigate cyberspace vulnerabilities related to mission performance and/or mission assurance. Failing to address capability gaps will hinder DAF's ability to project Air Power and dominate in a fight against near-peer adversaries. The increased request to Research, Development, Test and Evaluation (RDT&E) funding for this portfolio reflects the threats (identified with Secretary of the Air Force support) to Air Force Defensive Cyber Operations, specifically requiring sensor data and enhanced situational awareness to mobilize, deploy, and sustain forces.

IDCS develops, sources, sustains, and provides common non-proprietary modular hardware (including commercial-off-the-shelf (COTS) solutions), hosting, an edge cloud-compute defensive cyber platform (with options for both standalone or cloud-connected software), and cloud-based containerized software needed to execute the Cyberspace Vulnerability Assessment/Hunter (CVA/H), Air Force Cyber Defense (ACD), and Cyber Defense Analysis (CDA) missions.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / <i>AF Defensive Cyberspace Operations</i>	Project (Number/Name) 677823 / <i>AFCERT</i>

IDCS provides increased visibility into health and readiness of cyberspace systems for both local and enterprise leaders. IDCS aggregates and analyzes cyberspace data with the ability to enhance strategic assessments through the use of Artificial Intelligence (AI) and Machine Learning (ML), along with providing a comprehensive dashboard and reporting structure, which assists DCO operators in detecting and defeating Advanced Persistent Threats (APTs).

IDCS development and sustainment is required to enable DAF's Defensive Cyber Operations to meet the urgent need to deploy modernized, interconnected cyber defenses across the entire Air Force, including the Pacific theater to deter near-peer aggression. IDCS contributes to successful sortie generation (getting planes off the ground and keeping them in the fight) while ensuring the integrity and global dominance of US Air Power.

IDCS will be integrated with and leverage developmental activity from across the DoD including USCYBERCOM's Joint Cyber Warfighting Architecture and the DAF's Command, Control, Communications and Battle Management (C3BM).

Activities also include various Advisory and Assistance Services (A&AS) and Program Management Administration (PMA) activities to support the aforementioned development efforts.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.000M was expended for civilian pay expenses in this program element, and in FY25 0.000M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Integrated Defensive Cyberspace System (IDCS) Development	48.071	0.000	0.000	0.000	0.000
Description: In FY24 only, BPAC 677823, formerly used for AFCERT and ACD, was used to describe the IDCS that subsumes the missions of AFCERT, CVA/H and CDA. This activity also includes cloud-based big data capabilities and associated research and development to apply machine learning to cyberspace defenses.					
The DAF will develop a common sensor platform which relies upon a modern containerized software-based system, known as an edge cloud compute platform, for IDCS. IDCS will be deployable to physical, virtual and cloud-based hosts and will provide for interconnectivity, management and data processing across the data fabric.					
IDCS will be developed to include 3 components: (1) Strategic Data Platform (to host, integrate, and feed data); (2) Strategic and Tactical Defensive Cyber Analysis Tools; (3) Joint Situational Awareness Applications. The physical domain will leverage modular commercial hardware - procured with Other Procurement Air Force					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025							
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677823 / AFCERT							
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total					
(OPAF) funding in 0208088F -- with processing power tailored to the data throughput and speed requirements present at each AF base across both fixed (enterprise) and mobile configurations. The architecture will include data transport to Big Data Platform (BDP) capabilities (such as ELICSAR) present among the Enterprise and at the tactical edge. IDCS include building and placing sensors across the enterprise to enhance situational awareness through the BDP for senior leaders. Development activities include data processing to take advantage of additional data made available by the IDCS. IDCS includes the Air Force's BDP, ELICSAR, which is federated with, and leverages the technical baseline of the Unified Platform program. IDCS utilizes the DAF's Platform One Continuous Integration/Continuous Delivery (CI/CD) technology to leverage a reciprocal continuous Authority to Operate (cATO), which is essential to deployment of infrastructure as code, which keeps our IDCS system updated at the speed of relevance. IDCS will employ, over time, data analysis powered by advances in AI and ML. FY 2025 Plans: Transfer Project 677823 (AFCERT) within PE 0208088F, (AF Defensive Cyberspace Operations) to Project 677824 (Integrated Defensive Cyberspace System). FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A											
Accomplishments/Planned Programs Subtotals		48.071	0.000	0.000	0.000	0.000					
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
• OPAF 03 834320: C3 Countermeasures	89.455	43.780	53.797	-	53.797	-	-	-	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677823 / AFCERT			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2026</u>	<u>FY 2026</u>	<u>FY 2026</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>Base</u>	<u>OOB</u>	<u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Complete</u>	<u>Total Cost</u>
<u>Remarks</u>											
D. Acquisition Strategy											
Funding in BPAC 677823 contributes to the IDCS and as such is accomplished under the same Acquisition Strategy described in BPAC 677824.											
The acquisition strategy for the IDCS employs the Software Acquisition Pathway defined in DoDI 5000.87 and multiple software development providers. IDCS will be highly integrated with Joint Cyber Warfighting Architecture (JCWA) and C3BM/Advanced Battle Management System (ABMS), leveraging this work to complement DAF investments in Defensive Cyber. IDCS will deliver new software capabilities through a CI/CD pipeline built on enterprise offerings. IDCS will employ an agile development process to deliver incremental capabilities at the speed required to counter the emerging and persistent cyber threat. IDCS will integrate COTS, Government off the shelf (GOTS), and open-source software capabilities as appropriate to achieve an effective mission capability.											
IDCS will procure software development capacity through various existing and new contractual vehicles. Contract sources include Government-Wide Acquisition Contracts (GWACs) such as Alliant, Encore II, NASA Solutions for Enterprise-Wide Procurement IV (SEWP IV), and General Services Administration (GSA) Federal Supply Schedules. IDCS will also use Small Business Innovative Research (SBIR) and Air Force Research Laboratory (AFRL) contracts, Federally Funded Research and Development Centers (FFRDCs), Advisory and Assistance Services (A&AS) contracts, and support from Test and Evaluation Enterprises. Wherever possible IDCS will use competitive contracts and task orders to ensure cost efficiency and industry engagement.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677823 / AFCERT					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: Software Development - CI/CD Platform	TBD	Not specified. : TBD	-	5.400	Jan 2024	-		-		-		-	-	-	8.400
IDCS: Software Development - Control Plane	TBD	Not specified. : TBD	-	5.400	Jan 2024	-		-		-		-	-	-	8.400
IDCS: Software Development - Data Plane	TBD	Not specified. : TBD	-	5.400	Jan 2024	-		-		-		-	-	-	8.400
IDCS: Software Development - Data Platform, Ingest, Analytics, and Display (ELICSAR BDP)	TBD	Not specified. : TBD	-	11.289	Jan 2024	-		-		-		-	-	-	26.489
IDCS: Software Development - Persona	TBD	Not specified. : TBD	-	6.200	Jan 2024	-		-		-		-	-	-	22.200
Subtotal			-	33.689		-		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: Data Science	TBD	Not specified. : TBD	-	1.000	Jan 2024	-		-		-		-	-	-	2.000
IDCS: Early Continuous Operator Training Support	TBD	Not specified. : TBD	-	1.619	Jan 2024	-		-		-		-	-	-	2.619
IDCS: Digital Engineering	TBD	Not specified. : TBD	-	1.000	Jan 2024	-		-		-		-	-	-	2.000
Subtotal			-	3.619		-		-		-		-	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations						Project (Number/Name) 677823 / AFCERT			
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: 47th Cyber Test Sq	MIPR	47th Cyber Test Sq : Lackland AFB, TX	-	1.356	Oct 2023	-		-		-		-	-	-	2.356
IDCS: 48th Test Support Sq	MIPR	48th Test Support Sq : Eglin AFB, FL	-	0.649	Oct 2023	-		-		-		-	-	-	1.649
Subtotal			-	2.005		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: Program SupportCosts (PSC)	Various	CCSD : Lackland AFB, TX	-	6.705	Apr 2024	-		-		-		-	-	-	10.511
IDCS: Direct Cite Authority Civilian Pay	Various	AFLCMC/HN : Lackland AFB, TX	-	2.053	Oct 2023	-		-		-		-	-	-	4.053
Subtotal			-	8.758		-		-		-		-	-	-	N/A
Remarks															
In FY25, IDCS efforts were transferred to PE 0208088F, AF Defensive Cyberspace Systems, BPAC 677824 Integrated Defensive Cyberspace System.															
			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			-	48.071		-		-		-		-	-	-	N/A
Remarks															
In FY25, IDCS was transferred to PE 0208088F, AF Defensive Cyberspace Operations, BPAC 677824, IDCS.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)									
3600 / 7					PE 0208088F / AF Defensive Cyberspace Operations					677823 / AFCERT									

	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
Integrated Defensive Cyberspace System (IDCS)																												
IDCS Development																												
Test and Evaluation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677823 / AFCERT

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Integrated Defensive Cyberspace System (IDCS)				
IDCS Development	1	2024	4	2024
Test and Evaluation	1	2024	4	2024

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace 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
677824: 677824 - Integrated Defensive Cyberspace System	0.000	0.000	82.381	87.639	0.000	87.639	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY25, PE 0208088F, AF Defensive Cyberspace Operations, Project 677821 (CVA/H,) Project 677822 (CDA), and Project 677823 (AFCERT), were transferred to PE 0208088F, AF Defensive Cyberspace Operations, Project 677824 (IDCS), to distinguish IDCS from previous efforts.

A. Mission Description and Budget Item Justification

Integrated Defensive Cyberspace System (IDCS) enhances the Department of Air Force (DAF) cyber infrastructure and supports operations within contested environments. The IDCS mission is to provide and maintain enterprise situational awareness of the DAF's cyber terrain within a contested environment to enable and support Cyber Forces response to evolving Cyber threats.

The Air Force strategy previously involved three stand-alone programs that provided capabilities in a disparate fashion. IDCS delivers a comprehensive cyber defense architecture by integrating the three key mission sets with advanced sensors and data analytics. This provides commanders with critical risk assessments and enables proactive threat identification and neutralization on mission-critical networks.

Integrated Defensive Cyberspace System (IDCS) is an integrated enterprise-level cybersecurity system that safeguards DAF computer, network, weapon, and control systems. It empowers operators to detect threats and assess their impact, allowing for quick deployment of defensive measures to thwart malicious actors from exploiting critical vulnerabilities.

IDCS delivers the cybersecurity requirements of a variety of operational units, including the 16th AF, 688th Cyber Wing Cyber Security Service Providers (CSSPs), 67th Cyber Wing, AF Cyber Protection Teams (CPTs), Mission Defense Teams (MDTs), and network defenders. It equips these units with the tools necessary to protect DAF networks, Industrial Control Systems, and Weapon Systems. It supports both enterprise and edge/mobile cybersecurity defense use cases.

IDCS provides capabilities to enable the following mission sets:

Cyberspace Vulnerability Assessment/Hunter (CVA/H): The Hunter mission focuses on the capability to find, fix, track, target, engage, and assess (F2T2EA) the advanced persistent threat (APT). CVA/H provides capabilities to characterize and then eliminate threats for the purpose of mission assurance. CVA/H executes Hunter missions on Air Force (AF) and Department of Defense (DoD) networks and systems.

Cyber Defense Analysis (CDA): The CDA mission conducts Defensive Cyberspace Operations (DCO) by monitoring, collecting, analyzing, and reporting sensitive information transiting or residing on the Air Force Network (AFNet). CDA assessments of non-secure telecommunications determine the type and amount of sensitive

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System				
and/or classified information that may have been disclosed to our adversaries across Telephony Communications, Radio Frequency (RF) Communications, Email Communications, and Internet based Capabilities (IbC). The CDA mission protects the AF's critical information through passive monitoring and active Data Loss Protection (DLP).							
Air Force Cyber Defense (ACD): The ACD mission prevents, detects, and responds to adversarial penetration into DAF unclassified and classified networks. ACD provides 24/7/365 monitoring and defense of Secure/Non-Secure Internet Protocol Router Network (SIPRNET/NIPRNET) systems.							
Enterprise Network Cyber Situational Awareness: IDCS provides situational awareness across the DAF Enterprise Network and enables Enterprise level Command and Control of cyber tools to respond to Cyber threats. The capability provides Security Information and Event Management (SIEM) and Security Orchestration, Automation, and Response (SOAR) to enable understanding of cybersecurity attacks, respond quickly, and prevent future incidents. IDCS aggregates and analyzes cyberspace data with the ability to enhance strategic assessments and provide a comprehensive dashboard and reporting structure.							
Activities also include various Advisory and Assistance Services (A&AS) and Program Management Administration (PMA) activities to support the aforementioned development efforts.							
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.953M was expended for civilian pay expenses in this program element, and in FY25 3.237M is forecasted for civilian pay expenses in this program element.							
In FY25, PE 0208088F, AF Defensive Cyberspace Operations, Project 677821 (CVA/H,) Project 677822 (CDA), and Project 677823 (AFCERT), were transferred to PE 0208088F, AF Defensive Cyberspace Operations, Project 677824 (IDCS), in order to distinguish IDCS from previous efforts.							
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Integrated Defensive Cyberspace System (IDCS) Development			0.000	82.381	87.639	0.000	87.639
Description: Integrated Defensive Cyberspace System (IDCS) is an integrated enterprise-level cybersecurity system that safeguards DAF computer, network, weapon, and control systems. It empowers operators to detect threats and assess their impact, allowing for quick deployment of defensive measures to thwart malicious actors from exploiting critical vulnerabilities. IDCS is a modern, containerized software system designed for flexibility and interconnectivity. It can be deployed on physical, virtual, or cloud-based hosts, ensuring seamless data sharing across the entire data fabric.							
IDCS includes the AF's Big Data Platform, Enterprise Logging Ingest and Cyber Situational Awareness Refinery (ELICSAR).							

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2025 Plans: - Develop the software baseline for the IDCS architecture which will integrate and leverage commercial off-the-shelf (COTS), Government off-the-shelf (GOTS), and open-source software - Conduct test and evaluation including extensive, ongoing cyber security and penetration testing - Refine digital engineering processes to attain and maintain both internal and external alignment and integration - Refine CI/CD deployment processes and tools to enable continuous delivery - Award and/or expand software development contracts to support the following Team structure, consistent with and aligned to components of the IDCS Architecture - Support the rapid adoption of new operational capabilities through training - Develop and refine model-based representations of the IDCS to facilitate integration with USCYBERCOM JCWA and C3BM and other related capabilities - Develop tools required to support software development FY 2026 Base Plans: • Will develop and execute a phased integration of identified DCO systems into the IDCS ecosystem, prioritizing systems with the highest operational impact and lowest integration complexity. • Will develop, test, and deploy cloud-based threat hunting and deception capabilities within the IDCS environment, including the implementation of honeypots, decoy systems, and automated threat intelligence feeds. • Will research and assess interfaces and data exchange requirements for full integration with Air Battle Management System/Joint Cyber Warfighting Architecture (ABMS/JCWA). Will develop, test, and implement necessary interface adapters and data transformation processes.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025							
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System							
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total			
• Will develop, test, and implement an advanced analytics platform within the IDCS environment, capable of processing and analyzing large volumes of data to identify trends, patterns, and anomalies. Will deploy initial analytics dashboards. • Will develop and deploy a federated query mechanism that allows users to query data across all endpoint Local Tactical Access Controller (LTAC) instances, while maintaining data security and access control. • Will develop, test, and implement decentralized data retention that allows tactical edge platforms to retain critical DCO data locally, ensuring continued operations in disconnected or degraded network environments. • Will develop, configure, and integration test a DCO System Integration Lab environment. • Will develop and implement automated CI/CD pipelines for IDCS, enabling the rapid deployment of 95% of patches and security updates, minimizing operational disruption and increasing system cyber readiness. • Will integrate and exercise DevSecOps framework across the cyber test squadrons, including automated security testing and vulnerability management. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: The increase from FY25 to FY26 is due to the integration of CVA/H, CDA, and ACD into an integrated software baseline.											
Accomplishments/Planned Programs Subtotals				0.000	82.381	87.639	0.000	87.639			
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
• OPAF 03 0208088F: AF Defensive Cyberspace Operations	89.455	43.780	53.797	-	53.797	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System
D. Acquisition Strategy Acquisition Strategy for the IDCS is to employ the Software Acquisition Pathway (defined in DoDI 5000.87) for the overall acquisition. IDCS entered Software Acquisition Pathway Planning Phase in Feb 2023. Entry into the Software Acquisition Pathway Execution Phase is anticipated in late FY25. Acquisition strategy for the IDCS focuses on ensuring cost efficiency, alignment with industry standards, and maximizing collaboration with related programs. The IDCS PMO will leverage pre-competed contracts for the procurement of hardware and software components to streamline the sourcing process and ensure compliance with program requirements. IDCS will use open-source software and COTS hardware, fostering the utilization of existing technologies and reducing development time. Model-Based Systems Engineering (MBSE) will serve as a cornerstone for IDCS program management approach, enabling effective collaboration between teams and facilitating the integration of IDCS with related programs. By aligning the IDCS program with these core principles, we aim to create a nimble, scalable, and interoperable cybersecurity solution. The strategy places a strong emphasis on leveraging enterprise capabilities such as Platform One, Cloud One, the Joint Cyber Warfighting Architecture and Joint Warfighting Cloud Capability (JWCC) to optimize existing resources and ensure seamless interoperability. By utilizing these robust and versatile platforms, we can reduce development costs, expedite delivery, and maintain a high level of quality and compatibility. This strategy will further enable IDCS to integrate and collaborate effectively with related programs, ensuring the delivery a comprehensive and potent cybersecurity solution for the DAF.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations				Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: Software Development - CI/CD Pipeline	TBD	TBD : TBD	-	-		14.767	Jan 2025	11.769	Jan 2026	-		11.769	-	-	9.800
IDCS: Software Development - Control Plane	TBD	TBD : TBD	-	-		10.600	Jan 2025	9.586	Jan 2026	-		9.586	-	-	10.600
IDCS: Software Development - Data Plane	TBD	TBD : TBD	-	-		11.100	Jan 2025	9.897	Jan 2026	-		9.897	-	-	11.100
IDCS: Software Development - Data Platform, Ingest, Analytics, and Display (ELICSAR BDP)	TBD	TBD : TBD	-	-		25.064	Jan 2025	17.336	Jan 2026	-		17.336	-	-	27.900
IDCS: Software Development - Multiple Personas	TBD	TBD : TBD	-	-		0.000	Jan 2025	11.360	Jan 2026	-		11.360	-	-	15.064
Subtotal			-	-		61.531		59.948		-		59.948	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: Data Science	TBD	Not specified. : TBD	-	-		3.000	Jan 2025	3.090	Jan 2026	-		3.090	-	-	3.000
IDCS: Early ContinuousOperator Training Support	TBD	Not specified. : TBD	-	-		0.000	Jan 2025	3.605	Jan 2026	-		3.605	-	-	3.500
IDCS: Digital Engineering	TBD	Not specified. : TBD	-	-		0.520	Jan 2025	1.050	Jan 2026	-		1.050	-	-	3.000
Subtotal			-	-		3.520		7.745		-		7.745	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations						Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System			
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: 47th Cyber Test Sq	PO	Not specified. : TBD	-	-		1.690	Oct 2024	1.720	Oct 2025	-		1.720	-	-	2.800
IDCS: 48th Test Support Sq	PO	Not specified. : TBD	-	-		0.000	Oct 2024	2.266	Oct 2025	-		2.266	-	-	2.200
Subtotal			-	-		1.690		3.986		-		3.986	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IDCS: ProgramSupport Costs (PSC)	Various	Not specified. : TBD	-	-		11.340	Apr 2025	11.570	Apr 2026	-		11.570	-	-	11.517
IDCS: Direct Cite Authority Civilian Pay	Allot	Not specified. : TBD	-	-		4.300	Oct 2024	4.390	Oct 2025	-		4.390	-	-	5.500
Subtotal			-	-		15.640		15.960		-		15.960	-	-	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			-	-		82.381		87.639		-		87.639	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations		Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System	

	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
Integrated Defensive Cyberspace System (IDCS)																												
SW Prototyping																												
System Integration and Initial Training																												
Continuous SW Updates/vulnerability patches/enhancements																												
- ELICSAR Big Data Platform																												
- IDCS Command and Control																												
- IDCS Sensor Layer Data Fabric																												
- - CSSP User Persona Applications																												
- - Hunt User Persona Applications																												
- - ICS User Persona Applications																												
- - MDT User Persona Applications																												
- Data Plane SW																												
- Control Plane SW																												
Continuous Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208088F / AF Defensive Cyberspace Operations	Project (Number/Name) 677824 / 677824 - Integrated Defensive Cyberspace System	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Integrated Defensive Cyberspace System (IDCS)				
SW Prototyping	1	2024	4	2024
System Integration and Initial Training	2	2024	4	2030
Continuous SW Updates/vulnerability patches/enhancements	4	2024	4	2030
- ELICSAR Big Data Platform	4	2024	4	2030
- IDCS Command and Control	4	2024	4	2030
- IDCS Sensor Layer Data Fabric	4	2024	4	2030
- - CSSP User Persona Applications	4	2024	4	2030
- - Hunt User Persona Applications	4	2024	4	2030
- - ICS User Persona Applications	3	2025	4	2030
- - MDT User Persona Applications	3	2025	4	2030
- Data Plane SW	4	2024	4	2030
- Control Plane SW	4	2024	4	2030
Continuous Test	4	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0208288F I Intel Data Applications							
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	0.000	5.217	0.988	0.000	1.012	1.012	-	-	-	-	-	-
67A051: Space Superiority - Advanced Intelligence Systems	0.000	5.217	0.988	0.000	1.012	1.012	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding supports the development of communication infrastructures required for the application of intelligence data for combat and combat support users. This communication infrastructure must have the ability to apply multiple types of intelligence data such as datasets, databases, models and simulations (M&S), and analysis. Additionally, this funding supports the development of advanced signal processing techniques and the enablement of process automation, data triage, and artificial intelligence (AI) machine learning (AI/ML) algorithms to accelerate the processing and extraction of intelligence data. Objectives include execution of competitive accelerated prototyping efforts, technology demonstrations, and the development, testing and integration of operations-ready applications to existing and future operational Processing, Exploitation and Dissemination (PED) systems.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 6,773 thousand was expended for civilian pay expenses in this program element, and in FY2025 6,5320 thousand is forecasted for civilian pay expenses in this program element. FY2026 5,196 thousand is forecasted for civilian pay expenses in this program element.

Efficiency - Workforce Optimization
Reduces 15 civilian personnel full-time equivalents and funding to optimize the workforce in compliance with Executive Order 14210, "Implementing the President's Department of Government Efficiency Workforce Optimization Initiative."

FY 2024 Overseas Operations Costs funding accounted for in the Base budget total 5,217 thousand supports Threat Representation and Validation project within Intelligence Data Application program.

FY 2025 Overseas Operation Costs funding accounted for in the Base budget total 0.988 thousand supports Threat Representation and Validation project within Intelligence Data Applications program.

FY 2026 Overseas Operation Costs funding accounted for in the Base budget total 1.012 thousand supports Threat Representation and Validation project within Intelligence Data Applications program.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025					
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0208288F I Intel Data Applications						
FY 2026 request for Intelligence Data Application includes 1,012 thousand of discretionary and 6,700 thousand of mandatory (reconciliation) for a FY26 total of 7,712 thousand. The mandatory funds Threat Representation and Validation. Further information for this reconciliation request is provided in Section 20003 of the Reconciliation Exhibit.								
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		0.967	0.988	1.012	0.000	1.012		
Current President's Budget		5.217	0.988	0.000	1.012	1.012		
Total Adjustments		4.250	0.000	-1.012	1.012	0.000		
• Congressional General Reductions		0.000	0.000					
• Congressional Directed Reductions		0.000	0.000					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		0.000	0.000					
• Congressional Directed Transfers		0.000	0.000					
• Reprogrammings		0.000	0.000					
• SBIR/STTR Transfer		0.000	0.000					
• Other Adjustments		4.250	0.000	-1.012	1.012	0.000		
Change Summary Explanation								
FY24 includes \$4,250 thousand for Ukraine Supplemental funding. FY25 supplemental is not provided. FY26 includes Mandatory funding in FY26 \$6,700 thousand.								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Radar PED Automation				5.217	0.988	0.000	1.012	1.012
Description: Execute competitive accelerated prototyping efforts, technology demonstrations, and the development, testing and integration of operations-ready applications to PED systems.								
FY 2025 Plans:								

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>			R-1 Program Element (Number/Name) PE 0208288F / <i>Intel Data Applications</i>				
C. Accomplishments/Planned Programs (\$ in Millions)							
			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Continue dynamic radar targeting efforts FY 2026 Base Plans: N/A FY 2026 OOC Plans: Develop tools, models, and simulations to inform S&TI analysis. Evaluate and select the highest capable automation prototypes for development, test, integration, and operational fielding. FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to Inflation rates adjustments and increase in mandatory spending \$6,700 thousand.							
Accomplishments/Planned Programs Subtotals			5.217	0.988	0.000	1.012	1.012
D. Other Program Funding Summary (\$ in Millions)							
N/A							
Remarks							
E. Acquisition Strategy							
These efforts will be supported via the following contract vehicles: NASIC NOVASTAR, AFRL InSite							

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0208288F / Intel Data Applications						Project (Number/Name) 67A051 / Space Superiority - Advanced Intelligence Systems			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
NOVASTAR	C/CPAF	NASIC : Dayton, OH	-	5.217	Apr 2024	0.988	May 2025	0.000		1.012	Apr 2026	1.012	-	-	-
Subtotal			-	5.217		0.988		0.000		1.012		1.012	-	-	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			-	5.217		0.988		0.000		1.012		1.012	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0208288F / Intel Data Applications		
			Project (Number/Name) 67A051 / Space Superiority - Advanced Intelligence Systems		

	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
Radar PED Automation																												
Intel Data Comms Infrastructure																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208288F / Intel Data Applications	Project (Number/Name) 67A051 / Space Superiority - Advanced Intelligence Systems

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Radar PED Automation</i>				
Intel Data Comms Infrastructure	1	2024	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0301025F I GeoBase							
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	0.000	1.458	0.000	0.999	0.000	0.999	-	-	-	-	-	-
673280: Ceit01	0.000	1.458	0.000	0.999	0.000	0.999	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The funding will allow the AF to modernize NexGen IT and develop interfaces with other CE data systems as well as provide for continued development of the Comprehensive Planning Platform. The RDT&E requirements for NexGen IT are planned to be completed in FY24.

A. Mission Description and Budget Item Justification

Funds the research and development of AF Civil Engineer (CE) NexGen IT systems for all Total Force installations. The purpose for the funds are to develop/modernize NexGen IT, a Commercial-Off-The-Shelf (COTS) system; specifically to develop a Space Management/Utilization capability as well as new interfaces with other Civil Engineer data systems (i.e. Builder SMS). NexGen IT provides an integrated asset management system for the CE community with the capability to support cost accounting, Operations (Work Management and Material Control), Real Property, Project Management, and Energy Management. NexGen IT replaces several Legacy IT systems that lack the capability to meet present and future mission requirements and the ability to be compliant with Congressionally-mandated Financial Audit Improvement Readiness (FIAR).

The Comprehensive Planning Platform (CPP) is a Civil Engineering Enterprise solution that enables installations and 2,800 users to make investment decisions based on asset management principles, strategic guidance, and data through a repeatable planning process. The platform digitally integrates Installation Development Plans (IDPs), Component Plans, & Asset Management Plans (AMPs) - strengthens installation planning & operationalizes asset management responsive to changes at the installation and enterprise by allowing for continuous updates. Funding is necessary to support migration activities from the current SharePoint Online (SPO) environment to Cloud-based servers, as well as support continued development of features necessary for the long-term build out of the CPP.

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

This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver NexGen IT and CPP development/modernization for emergent or unanticipated weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0207479F.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0301025F I GeoBase					
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		1.514	1.002	1.002	0.000	1.002	
Current President's Budget		1.458	0.000	0.999	0.000	0.999	
Total Adjustments		-0.056	-1.002	-0.003	0.000	-0.003	
• Congressional General Reductions		-0.056	-1.002				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		0.000	0.000	-0.003	0.000	-0.003	
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: NexGen IT Development					1.458	0.000	0.999
Description: Develop a Space Management/Space Utilization capability within NexGen IT; develop interfaces between NexGen IT and other CE data systems (a COTS program).							
FY 2025 Plans: NexGen IT effort is anticipated to be completed by FY2025.							
FY 2026 Plans: NexGen IT Residual costs							
FY 2025 to FY 2026 Increase/Decrease Statement: FY 2026 reductions to fund other Air Force or DoD requirements.							
Title: Comprehensive Planning Platform Development					0.000	0.000	0.000
Description: Develop Comprehensive Planning Platform cloud environment.							
FY 2025 Plans: Develop Comprehensive Planning Platform cloud environment providing digital storage, visualization, and management to facilitate installation planning.							
FY 2026 Plans:							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0301025F I GeoBase		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Continue development of Comprehensive Planning Platform cloud environment providing digital storage, visualization, and management to facilitate installation planning.				
FY 2025 to FY 2026 Increase/Decrease Statement: Costs from FY2025 to FY2026 remain constant.				
Accomplishments/Planned Programs Subtotals		1.458	0.000	0.999
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy The requirements development will be executed through the Air Force Life Cycle Management Center Enterprise Information Systems Directorate (AFLCMC/HIM). NexGen IT will utilize an existing contract vehicle.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0301025F / GeoBase						Project (Number/Name) 673280 / Ceit01			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Develop CE NexGen IT	C/CPFF	Not specified. : TBD	-	1.458		-		-		-		-	-	-	-
Develop Comprehensive Planning Platform	C/FFP	Not specified. : TBD	-	-		0.000	Sep 2025	0.999	Sep 2026	-		0.999	-	-	-
Subtotal			-	1.458		0.000		0.999		-		0.999	-	-	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			-	1.458		0.000		0.999		-		0.999	-	-	N/A
Remarks The funding will allow the AF to modernize NexGen IT and develop interfaces with other CE data systems as well as provide for continued development of the Comprehensive Planning Platform.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)			Project (Number/Name)				
3600 / 7					PE 0301025F / GeoBase			673280 / Ceit01				

	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
Develop Civil Engineer NexGen IT																												
Develop Civil Engineer NexGen IT																												
Develop Comprehensive Planning Platform																												
Develop Comprehensive Panning Platform																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0301025F / GeoBase	Project (Number/Name) 673280 / Ceit01

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Develop Civil Engineer NexGen IT				
Develop Civil Engineer NexGen IT	1	2024	4	2024
Develop Comprehensive Planning Platform				
Develop Comprehensive Panning Platform	4	2025	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0301113F I Cyber Security Intelligence Support							
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	0.000	8.476	18.141	14.749	0.000	14.749	-	-	-	-	-	-
671931: TECH SURVEIL COUNTER MEAS EQPT	0.000	8.476	18.141	14.749	0.000	14.749	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Mission Description: Provides funding to the Air Force owned DoD Cyber Crime Center to fund continued development and modifications of cybersecurity tools and activities to support DoD-wide military intelligence efforts to include CADO-IS (formerly CI-PED), Automated Data Obfuscation (ADO) formerly known as STORMSYSTEM, Encompasses specialized range of cyber defense services that support the 2023 National Cybersecurity Strategy with specific focus on protecting companies who do business with the DoD. DC3 lead development, integration, and deployment of network detection solutions that include scalable solutions; real-time alerting; detection/reporting of malicious cyber activity. Located on Defense Industrial Base (DIB) networks to detect data exfiltration or unauthorized access. Sensor program viewed as complementary and more advanced capabilities than legacy efforts (Service-specific sensors, in-house Intrusion Detect Systems, etc.), and DC3 conducts a Capabilities Based Assessment (CBA) for the Defense Forensic Evidence Networked Data Repository (DFENDR) which is a key component of the Law Enforcement Evidence Data Repository (LEEDR) program ongoing at Fort Eisenhower, GA. Activities include but are not limited to development of software/hardware systems, integration and transition of lab-developed cyber capabilities, developmental testing, operational evaluation, manpower, studies, analysis, pilots, demonstrations, and risk reduction efforts to improve protection of critical technologies.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2025 \$0 was expended for civilian pay expenses in this program element, and in FY2026 \$0 is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0301113F I Cyber Security Intelligence Support				
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		8.476	18.141	15.080	0.000	15.080
Current President's Budget		8.476	18.141	14.749	0.000	14.749
Total Adjustments		0.000	0.000	-0.331	0.000	-0.331
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		0.000	0.000	-0.331	0.000	-0.331
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Cyber Security Intelligence Support				8.476	18.141	14.749
Description: Provides funding to the Air Force owned DoD Cyber Crime Center to fund continued development and modifications of cybersecurity tools and activities to support DoD-wide military intelligence efforts to include CADO-IS (formerly CI-PED), Automated Data Obfuscation (ADO) formerly known as STORMSYSTEM. Encompasses specialized range of cyber defense services that support the 2023 National Cybersecurity Strategy with specific focus on protecting companies who do business with the DoD. DC3 lead development, integration, and deployment of network detection solutions that include scalable solutions; real-time alerting; detection/reporting of malicious cyber activity. Located on Defense Industrial Base (DIB) networks to detect data exfiltration or unauthorized access. Sensor program viewed as complementary and more advanced capabilities than legacy efforts (Service-specific sensors, in-house Intrusion Detect Systems, etc.), and DC3 conducts a Capabilities Based Assessment (CBA) for the Defense Forensic Evidence Networked Data Repository (DFENDR) which is a key component of the Law Enforcement Evidence Data Repository (LEEDR) program ongoing at Fort Eisenhower, GA. Activities include but are not limited to development of software/hardware systems, integration and transition of lab-developed cyber capabilities, developmental testing, operational evaluation, manpower, studies, analysis, pilots, demonstrations, and risk reduction efforts to improve protection of critical technologies.						
FY 2025 Plans:						
Program efforts provides professional and technical subject matter expertise to the future development and modification of cybersecurity tools and activities to support DoD-wide military intelligence efforts.						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0301113F <i>I Cyber Security Intelligence Support</i>			
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Enhance future design and improved ability to support research, prototyping, development, and testing of cybersecurity tools to synchronize collection, focus operational activity, and rapidly share intelligence to support DoD-wide military intelligence efforts. FY 2026 Plans: Program efforts will provide professional and technical subject matter expertise to the future development and modification of cybersecurity tools and activities to support DoD-wide military intelligence efforts. Enhance future design and improved ability to support research, prototyping, development, and testing of cybersecurity tools to synchronize collection, focus operational activity, and rapidly share intelligence to support DoD-wide military intelligence efforts. FY 2025 to FY 2026 Increase/Decrease Statement: In FY 2026 funding decreases the Defense Forensic Evidence Networked Data Repository (DFENDR) which is a key component of the Law Enforcement Evidence Data Repository (LEEDR) program ongoing at Fort Eisenhower, GA.				
Accomplishments/Planned Programs Subtotals		8.476	18.141	14.749
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy Utilize a tailorable acquisition strategy that facilitates the rapid update and delivery of material and nonmaterial solutions to operational military intelligence efforts. This approach allows flexibility for solutions to enter the acquisitions process at any phase of the acquisition life cycle. Cyber Security Intelligence Support provides the rapid development environment and DevOps capacity to meet urgent operational needs/requirements in the protection of critical technologies.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0301113F / Cyber Security Intelligence Support				Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cyber Security Capability Development	C/CPAF	Perspecta (Peraton) : Reston, VA	-	4.540	Apr 2024	5.950	Apr 2025	5.950	Apr 2026	-		5.950	-	-	-
Cyber CI Capability Development	C/CPFF	CACI : Florham Park, NJ	-	0.500	Apr 2024	0.500	Apr 2025	0.500	Apr 2026	-		0.500	-	-	-
Cyber Security Sensor Development	C/CPFF	MITRE : McLean, VA	-	1.850	Oct 2023	1.850	Oct 2024	1.523	Oct 2025	-		1.523	-	-	-
Cyber Sensor Development	C/CPAF	SAF/CDN : Columbia, MD	-	-		4.037	Oct 2024	4.037	Oct 2025	-		4.037	-	-	-
Cyber Security Data Capability Development	C/CPAF	MITRE : McLean, VA	-	-		3.000	Mar 2025	-		-		-	-	-	-
Subtotal			-	6.890		15.337		12.010		-		12.010	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cyber Security Intelligence Support	C/CPAF	Perspecta (Peraton) : Reston, VA	-	1.586	Apr 2024	2.804	Apr 2025	2.739	Apr 2026	-		2.739	-	-	-
Subtotal			-	1.586		2.804		2.739		-		2.739	-	-	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			-	8.476		18.141		14.749		-		14.749	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0301113F / Cyber Security Intelligence Support					671931 / TECH SURVEIL COUNTER MEAS EQPT			

	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
Cyber Security Intelligence Support																												
Design and Maintain Enhanced Research, Prototyping, Development and Testing of Cybersecurity Tools																												
Research, Prototype, Develop, and Test Cybersecurity Tools to Synchronize Collection, Focus Operational Activity, and Rapidly Share Intelligence																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0301113F / <i>Cyber Security Intelligence Support</i>	Project (Number/Name) 671931 / <i>TECH SURVEIL COUNTER MEAS EQPT</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Cyber Security Intelligence Support</i>				
Design and Maintain Enhanced Research, Prototyping, Development and Testing of Cybersecurity Tools	1	2024	4	2030
Research, Prototype, Develop, and Test Cybersecurity Tools to Synchronize Collection, Focus Operational Activity, and Rapidly Share Intelligence	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0301377F I Countering Advanced Conventional Weapons (CACW)							
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	0.000	0.000	0.834	1.117	0.000	1.117	-	-	-	-	-	-
675306: Analysis Enterprise	0.000	0.000	0.834	1.117	0.000	1.117	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Countering Advanced Conventional Weapons (CACW) investment is a Congressionally approved and OUSDI backed focused on improving Scientific and Technical Intelligence (S&TI) for the combined Defense Intelligence Enterprise (DIE) program through the accelerated creation of authoritative threat engineering analysis, weapon system models, and integrated simulation of top-priority threat scenarios. CACW's goal is to increase the overall analytic health of the DIE to meet S&TI analysis and threat Modeling and Simulation (M&S) weapons technical intelligence requirements against near peer threat competitors. CACW investments are a scalable, scenario-based approach to increase S&TI analysis and threat model development capacity across the DIE to close the intelligence gap on the understanding, characterization and impact of top priority threat systems and system-of-systems.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 3.868M was expended for civilian pay expenses in this program element, and in FY2025 5.818 is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	0.000	1.668	1.120	0.000	1.120
Current President's Budget	0.000	0.834	1.117	0.000	1.117
Total Adjustments	0.000	-0.834	-0.003	0.000	-0.003
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-0.834			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-0.003	0.000	-0.003

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>			R-1 Program Element (Number/Name) PE 0301377F <i>I Countering Advanced Conventional Weapons (CACW)</i>				
Change Summary Explanation FY25 increase will fund the development of advanced analytic tools and information technology (IT) critical to technical intelligence needs of the Defense Intelligence Enterprise. \$0.834M in FY25 Congressional Mark for Production tools excess funds.							
C. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: CACW Production Tools Description: Creation of advanced analytic tool and IT capabilities critical to production needs focusing on Machine Learning, operations research analysis, advanced software configuration & development, and external assistance for proper set-up and prototyping execution of system-of-systems simulations. FY 2025 Plans: Develop tools and IT needs for S&TI needs to facilitate the creation and delivery of multi-domain, cross-functional technical simulation & modeling analysis. FY 2026 Base Plans: Continue tools development and IT needs for S&TI needs to facilitate the creation and delivery of multi-domain, cross-functional technical simulation & modeling analysis. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: The increase from FY25 to FY26 is due to limited time for development work in FY25 and the baselining of the development effort in FY26.			0.000	0.834	1.117	0.000	1.117
Accomplishments/Planned Programs Subtotals			0.000	0.834	1.117	0.000	1.117
D. Other Program Funding Summary (\$ in Millions) N/A Remarks							
E. Acquisition Strategy Contract type and strategy will be assessed each year; however, it is anticipated to be a mix of contract types.							

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0301377F / Countering Advanced Conventional Weapons (CACW)						Project (Number/Name) 675306 / Analysis Enterprise			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CACW Tools Development	Various	NASIC : WPAFB, OH	-	0.000		0.834	May 2025	1.117	May 2026	0.000		1.117	-	-	-
Subtotal			-	0.000		0.834		1.117		0.000		1.117	-	-	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			-	0.000		0.834		1.117		0.000		1.117	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025							
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0301377F / Countering Advanced Conventional Weapons (CACW)								Project (Number/Name) 675306 / Analysis Enterprise							

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0301377F / Countering Advanced Conventional Weapons (CACW)	Project (Number/Name) 675306 / Analysis Enterprise

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CACW Tools Development				
Virtual Desktop	3	2025	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0301401F / AF Multi-Domain Non-Traditional ISR Battlespace Awareness

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	0.000	2.890	3.006	2.987	0.000	2.987	-	-	-	-	-	-
67A051: <i>Space Superiority - Advanced Intelligence Systems</i>	0.000	2.890	3.006	2.987	0.000	2.987	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Cross Domain Tactical OPIR Processing delivers a mechanism providing reach-back support for battlespace awareness functions and manages the timely transfer of newly developed tools to operational users.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 2.01 million was expended for civilian pay expenses in this program element, and in FY25 3.64 million is forecasted for civilian pay expenses in this program element.

Efficiency -

Workforce Optimization

Reduces 3 civilian personnel full-time equivalents and funding to optimize the workforce in compliance with Executive Order 14210, "Implementing the President's Department of Government Efficiency Workforce Optimization Initiative."

Efficiency-Contract Services

Reduces contracts for \$0.817 million in FY26 in contracts 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."

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0301401F I AF Multi-Domain Non-Traditional ISR Battlespace Awareness			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	2.890	3.436	3.804	0.000	3.804
Current President's Budget	2.890	3.006	2.987	0.000	2.987
Total Adjustments	0.000	-0.430	-0.817	0.000	-0.817
• Congressional General Reductions	0.000	-0.430			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-0.817	0.000	-0.817
Change Summary Explanation					
-0.430 million congressional reductions in FY25. Efficiency-Contracts Services, reduce contracts 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."					
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025
Title: TAC OPIR Processing				2.890	3.006
Description: Deliver tactically relevant OPIR processing, including both software development and a controlled multi-level security interface that provides data access and processing services for a robust and flexible network architecture.					
FY 2025 Plans:					
Continue to process and deliver tactically relevant OPIR data. Efforts will focus on platform development (system/network architecture) and hardware recapitalization. Multiple tools developed under an Intelligence Community Major System Acquisition will have reached IOC or FOC in FY24, leading to increased demand for the capabilities and multi-level security interface provided by this Budget Item.					
FY 2026 Plans:					
Continue to process and deliver tactically relevant OPIR data and enhancements of the platform and analytic tool suite. Multiple tools developed under an Intelligence Community Major System Acquisition will have reached IOC or FOC in FY24, leading to increased demand for the capabilities and multi-level security interface provided by this Budget Item.					
FY 2025 to FY 2026 Increase/Decrease Statement:					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0301401F I AF Multi-Domain Non-Traditional ISR Battlespace Awareness		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Decrease in funding in FY26 was due to a realignment of funding to support efforts in the AF ISR DI Program. Funding was supporting a requirement no longer in the portfolio. No impact to OPIR mission set. -0.430 million congressional reductions in FY25. Efficiency-Contracts Services, reduce contracts 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."				
Accomplishments/Planned Programs Subtotals		2.890	3.006	2.987
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy All contracts funded in this program will be awarded using competitive procedures to the maximum extent possible.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0301401F / AF Multi-Domain Non-Traditional ISR Battlespace Awareness						Project (Number/Name) 67A051 / Space Superiority - Advanced Intelligence Systems			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cross Domain OPIR	C/CPFF	NASIC : Dayton, OH	-	2.890	Oct 2023	3.006	Oct 2024	2.987	Oct 2025	-		2.987	-	-	-
Subtotal			-	2.890		3.006		2.987		-		2.987	-	-	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			-	2.890		3.006		2.987		-		2.987	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0301401F / AF Multi-Domain Non-Traditional ISR Battlespace Awareness								Project (Number/Name) 67A051 / Space Superiority - Advanced Intelligence Systems			

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0301401F / AF Multi-Domain Non-Traditional ISR Battlespace Awareness	Project (Number/Name) 67A051 / Space Superiority - Advanced Intelligence Systems

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Algorithm Development				
Platform Development	1	2024	4	2028
Tactical OPIR Processing - Hardware and Software Dev				
Hardware Purchases, Software Development	1	2024	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0302015F / <i>E-4B National Airborne Operations Center (NAOC)</i>							
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	0.000	42.074	57.441	54.457	0.000	54.457	-	-	-	-	-	-
674777: <i>E-4B Aircraft Modernization</i>	0.000	42.074	57.441	54.457	0.000	54.457	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 7, PE 0302015F, project 674777, Touchscreen Executive Phone-Airborne, is a new start.

A. Mission Description and Budget Item Justification

The four (4) aircraft E-4B National Airborne Operations Center (NAOC) fleet satisfies the military need for an airborne operations center with communications capabilities permitting military and civilian leadership to monitor and control military and civil national assets during all phases of conflict (nuclear and non-nuclear) or natural disaster. The E-4B NAOC fleet also satisfies the military requirement to provide a highly survivable node of the National Military Command System (NMCS).

This program's developmental efforts include, but are not limited to, upgrades and enhancements to aircraft structures, propulsion system, fuel system, environmental control system, electrical generation and distribution systems, flight safety and navigation systems (with their associated communications equipment), and the Systems Integration Lab. Modifications may enhance the aircraft's mission capabilities necessary for the E-4B fleet to execute its mission, to include but not limited to those necessary for the Senior Leadership Command, Control and Communications System (SLC3S), National Leadership Command Capability (NLCC), and Nuclear Command, Control, and Communications (NC3). Funds may also be used to explore and develop modifications, upgrades, and future systems required to meet evolving mission requirements. This budget supports the following developmental modifications and studies/projects currently underway or planned for accomplishment:

- Survivable Super High Frequency (SSHF) will upgrade and replace portions of the E-4B's Jam-Resistant Secure Communications (JRSC) system to meet existing Presidential Policy Directive (PPD)-35 and National Security Presidential Directive (NSPD)-51/Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. Expected modifications include, but are not limited to, component and sub-system upgrades and replaces portions of the current Super High Frequency (SHF) system that are obsolete or near end of service life. A replacement to the SHF system is required as secure, survivable communications capability transitions from the Defense Satellite Communications System (DSCS). A risk-reduction study was completed in FY19 to further define the acquisition strategy of the SSHF program. The program will be acquired in 2 increments and each increment will be split into 2 installs to expedite fielding and reduce impact to Aircraft Availability. Increment 1A will upgrade the existing Ka-band system. Increment 1B will include technical solutions such as upgrading the existing modems and systems integration lab. Increment 2A will include new modem technology and common workstation. Increment 2B will include a new Ku-band system upgrades to the X-band system. Due to Air Force priorities, the X-band requirements will be deferred.

- The E-4B Systems Integration Laboratory (SIL) program will develop a test environment configured to represent the mission systems of the E-4B with connectivity to mission networks and services. E-4B SIL started as the Test Accreditation Integration Lab (TAIL) 5 for development of the E-4B SSHF program. The E-4B SIL program will expand the capabilities of TAIL 5 beyond SSHF to include the other mission communication systems within the E-4B. The E-4B SIL is necessary to minimize

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0302015F I E-4B National Airborne Operations Center (NAOC)				
modernization and technical refresh schedules by reducing time on aircraft for install, test, ground connections/configurations, technical orders, redlines/rework, and training. Schedule reduction by the E-4B SIL will directly support increased Aircraft Availability (AA). The E-4B SIL will be developed in blocks begin with the Advanced Extremely High Frequency/Presidential National Voice Conferencing (AEHF/PNVC) Backbone being added to the existing SSHF baseline to provide the basic platform communications systems. The next block will incorporate the Mission Equipment Section (MES) systems to allow reproduction of necessary data to operate both the SIL and operational aircraft. The next blocks will continue to build out network and communication systems based their associated priorities and system dependencies.						
- Touchscreen Executive Phone - Airborne (TXP-A) - effort replaces the existing secure obsolete touch screen phones for senior national leaders to maintain multi-level security. The TXP-A will upgrade computing capabilities of the secure phone and durability of various components such as processors and touch screen displays. The replacement of the TXP-A phones will allow the NAOC to continue to meet Presidential Policy Directive (PPD)-35 requirements across the full spectrum of crisis.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.0M was expended for civilian pay expenses in this program element, and in FY 2025 0.0M is forecasted for civilian pay expenses in this program element.						
The FY 2026 cost of Middle Tier of Acquisition (MTA) effort E-4B is reflected in the budget request, including RDT&E and procurement of prototype units. The Department will certify Future Years Defense Program (FYDP) funding in a future budget submission						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		39.868	40.441	43.496	0.000	43.496
Current President's Budget		42.074	57.441	54.457	0.000	54.457
Total Adjustments		2.206	17.000	10.961	0.000	10.961
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-5.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		7.500	17.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.294	0.000			
• Other Adjustments		0.000	0.000	10.961	0.000	10.961
Change Summary Explanation						
FY 2024 congressional add of \$7.5M to explore commercial capabilities for AFGSC Next Generation Satellite Communication Capabilities						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0302015F / <i>E-4B National Airborne Operations Center (NAOC)</i>		
FY 2024 reduction of \$5M for System Integration Lab FY 2025 Congressional increase of \$17M for support equipment FY 2026 increase associated with new program, Touchscreen Executive Phone-Airborne				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Survivable SHF Description: Survivable Super High Frequency (SSHF) will upgrade and replace portions of the E-4B's Jam-Resistant Secure Communications (JRSC) system to meet existing Presidential Policy Directive (PPD)-35 and National Security Presidential Directive (NSPD)-51/Homeland Security Presidential Directive (HSPD)-20 requirements and to ensure continued connectivity and interoperability as satellite and communications infrastructure evolves. Expected modifications include, but are not limited to, component and sub-system upgrades and replaces portions of the current SHF system that are obsolete or near end of service life. A replacement to the SHF system is required as secure, survivable communications capability transitions from the Defense Satellite Communications System (DSCS). A risk-reduction study was completed in FY19 to further define the acquisition strategy of the SSHF program. The program will be acquired in 2 increments and each increment will be split into 2 installs to expedite fielding and reduce impact to Aircraft Availability. Increment 1A will upgrade the existing Ka-band system. Increment 1B will include technical solutions such as upgrading the existing modems and systems integration lab. Increment 2A will include new modem technology and common workstation. Increment 2B will include a new Ku-band system upgrades to the X-band system. Due to Air Force priorities, the X-band requirements will be deferred. FY 2025 Plans: - Continue Increment 2A development activities in preparation for prototype installation. - Begin design of Ku-band system. FY 2026 Plans: - Continue design/begin prototype of Ku-band system - Installation of 2A prototype FY 2025 to FY 2026 Increase/Decrease Statement: Decrease in funding from FY2025 is due to reduced 2A prototype work and support equipment		35.638	45.417	34.756
Title: E-4B Systems Integration Laboratory (SIL) Description: The E-4B Systems Integration Laboratory (SIL) program will develop a test environment configured to represent the mission systems of the E-4B with connectivity with mission networks and services. E-4B SIL started as the Test Accreditation Integration Lab (TAIL) 5 for development of the E-4B SSHF program. The E-4B SIL program will expand the capabilities of TAIL 5 beyond SSHF to include the other mission communication systems within the E-4B. The E-4B SIL is necessary to minimize modernization and technical refresh schedules by reducing time on aircraft for install, test, ground connections/configurations, technical orders, redlines/rework, and training. Schedule reduction by the E-4B SIL will directly support increased Aircraft		6.436	12.024	8.014

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development				R-1 Program Element (Number/Name) PE 0302015F I E-4B National Airborne Operations Center (NAOC)							
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
Availability (AA). The E-4B SIL will be developed in blocks and begin with the APIP Backbone being added to the existing SSHF baseline to provide the basic platform communications systems. The next block will incorporate the Mission Equipment Section (MES) systems to allow reproduction of necessary data to operate both the SIL and operational aircraft. The next blocks will continue to build out network and communication systems based their associated priorities and system dependencies.											
FY 2025 Plans: - Begin Block 1 APIP backbone which provides basic platform from comm systems development											
FY 2026 Plans: - Begin Block 2 incorporate/develop the Mission Equipment Section systems											
FY 2025 to FY 2026 Increase/Decrease Statement: Decrease is due workload shifting from parts procurement and design to integration and install in FY 2026											
Title: Touchscreen Executive Phone-Airborne							0.000	0.000	11.687		
Description: TXP-A effort will replace the existing secure obsolete touch screen phones for senior national leaders to maintain multi-level security. The TXP-A will upgrade computing capabilities of the secure phone and durability of various components such as processors and touch screen displays. The TXP-A replacement will allow the NAOC to continue to meet Presidential Policy Directive (PPD)-35 requirements across the full spectrum of crisis.											
FY 2025 Plans: n/a											
FY 2026 Plans: -Begin development of the TXP-A solution											
FY 2025 to FY 2026 Increase/Decrease Statement: Increase of \$11.687 is new start program in FY 2026											
Accomplishments/Planned Programs Subtotals							42.074	57.441	54.457		
D. 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
• APAF 05 Line Item E00400: E-4B Nat Airborne Ops Center (NAOC)	13.055	24.828	45.232	-	45.232	-	-	-	-	-	-

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0302015F I E-4B National Airborne Operations Center (NAOC)						
D. 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
• APAF 06 Line Item 000999: Initial Spares/Repair Parts	0.363	0.369	0.375	-	0.375	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
Acquisition Strategy: The acquisition strategy for each specific modification differs based on the urgency of the requirement, definition of the capability, and technology readiness level of the components.											
The Acquisition Strategy for Survivable SHF Inc 1A and 1B is Section 804 Middle Tier Acquisition (MTA). Increment 1 Rapid Prototype MTA was approved in April 2019. Increment 2 Rapid Prototype MTA was approved in December 2021, but was split into two increments and ultimately transitioned into two ACAT III acquisition programs, 2B (Ku-band/X-band) in 1QFY25 and 2A (Spectre) in 3QFY25.											
Management Strategy: Program management for all aircraft modifications is executed by the Executive Aircraft Division at Tinker AFB, Oklahoma. The Program Executive Officer (PEO) for Presidential and Executive Airlift, at Wright Patterson, Ohio, provides management oversight.											
Contracting Strategy: The contracting strategy differs for each individual modification, but normally includes an initial engineering study contract followed by a development contract. Production installations and sustainment are typically accomplished with the E-4B Contractor Logistics Support (CLS) contract.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0302015F / E-4B National Airborne Operations Center (NAOC)					Project (Number/Name) 674777 / E-4B Aircraft Modernization				
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Survivable SHF	C/CPFF	L-3 : SLC, UT	-	24.574	Jan 2024	28.417	Jan 2025	34.756	Jan 2026	-		34.756	-	-	120.000
Survivable SHF - comm'l capability	TBD	TBD : TBD, LA	-	7.500	Sep 2024	-		-		-		-	-	-	-
Survivable SHF - support equipment	TBD	TBD : TBD, LA	-	-		17.000		-		-		-	-	-	-
E-4B SIL	SS/CPFF	L-3 : SLC, UT	-	10.000	Apr 2024	12.024	Jan 2025	8.014	Jan 2026	-		8.014	-	-	50.000
TXP-A	C/CPAF	TBD : TBD, OK	-	-		-		11.687	Mar 2026	-		11.687	-	-	-
Subtotal			-	42.074		57.441		54.457		-		54.457	-	-	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			-	42.074		57.441		54.457		-		54.457	-	-	N/A
Remarks															
FY 2025 SSHF funding supports development, integration, and test of prototype SSHF system under L-3Harris contract.															
FY 2025 SIL funding supports development efforts (APIP backbone)															
FY 2026 SSHF funding supports development and integration of SSHF Ku-band systems (Inc 2B) under L-3Harris contract.															
FY 2026 SIL funding supports Block development effort (Mission Equipment Section).															
FY 2026 TXP-A funding supports initial research/integration for this effort.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0302015F / E-4B National Airborne Operations Center (NAOC)		Project (Number/Name) 674777 / E-4B Aircraft Modernization	

	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
E4B Aircraft Modernization																												
Survivable SHF Inc 2A Integration, Testing, and Installation																												
Survivable SHF Inc 2A Prototype Modification Decision																												
Survivable SHF Inc 2A Milestone C Decision																												
Survivable SHF Inc Ku-band (2B) Development																												
E-4B SIL Backbone Development and Integration																												
E-4B SIL Mission Equipment Section systems Development and Integration																												
TXP-A development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0302015F / E-4B National Airborne Operations Center (NAOC)	Project (Number/Name) 674777 / E-4B Aircraft Modernization	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
E4B Aircraft Modernization				
Survivable SHF Inc 2A Integration, Testing, and Installation	1	2025	4	2026
Survivable SHF Inc 2A Prototype Modification Decision	1	2025	1	2025
Survivable SHF Inc 2A Milestone C Decision	3	2026	3	2026
Survivable SHF Inc Ku-band (2B) Development	3	2025	3	2027
E-4B SIL Backbone Development and Integration	4	2025	1	2027
E-4B SIL Mission Equipment Section systems Development and Integration	2	2026	4	2027
TXP-A development	1	2026	2	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0302315F I Non-Kinetic Countermeasure Support							
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	0.000	0.000	7.590	7.006	0.000	7.006	-	-	-	-	-	-
675309: Geo Info & Serv Software Development	0.000	0.000	7.590	7.006	0.000	7.006	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Non-Kinetic Countermeasure support at NASIC enables the testing, prototyping, and development efforts for a DoD wide federated data architecture and repository for the specific mission set identified in 2025 Classified CJB MIP Vol 5. The repository will include the tools to provide tailored analysis and visualization to meet the scientific and technical intelligence needs of the acquisition intelligence enterprise, DoD Intelligence Enterprise, and Title 10 operations.

The original FY25 PDM that initially funded this PE split the RDT&E funds between two organizations. NASIC's portion of the funding is described above and the other organization and the description of their funds are at a higher classification level. All funding was then programmed in error sending all funds starting in FY25 and through the FYDP to NASIC. Due to the classified nature of the incorrectly programmed the funds sent to NASIC, justification was only provided for NASIC's portion of the funding leading to a cut of half of the FY25 programmed amount.

This is a new MIP project in FY25

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 0 was expended for civilian pay expenses in this program element, and in FY2025 0.427M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0302315F I Non-Kinetic Countermeasure Support			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	0.000	15.180	15.731	0.000	15.731
Current President's Budget	0.000	7.590	7.006	0.000	7.006
Total Adjustments	0.000	-7.590	-8.725	0.000	-8.725
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-7.590			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-8.725	0.000	-8.725
Change Summary Explanation FY25 Congressional Mark of 7.59M was for Data Architecture/Repository lack of justification. Architecture/Repository language was the only justification that was provided which justified NASIC's portion of the programmed funds. Additional justification for the second half of the funding was not provided due to higher classification.					
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Data Architecture/Repository	0.000	4.115	7.006	0.000	7.006
Description: RDT&E funding will enable the testing, prototyping, and development efforts for a DoD wide federated data architecture and repository for the specific mission set identified in 2025 Classified CJB MIP Vol 5. The repository will include the tools to provide tailored analysis and visualization to meet the scientific and technical intelligence needs of the acquisition intelligence enterprise, DoD Intelligence Enterprise, and Title 10 operations.					
FY 2025 Plans: Although this program to a FY25 Congressional mark for Database/Repository lack of justification, roughly half of the remaining funding for FY25 will be spent to commence the evaluation of current database capabilities, design of a federated architecture, and prototyping of repository capabilities. Due to the extreme lateness of received funds for the first year of this program, the organization due to receive the unmarked funds is not able to obligate all funds in time. It was determined that splitting funds back to NASIC for the starting of database/					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0302315F I Non-Kinetic Countermeasure Support				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
repository work would be better than letting funds go unobligated and risk future cuts to this high priority program. FY 2026 Base Plans: FY26 will finish FY25's evaluation of current database capabilities as necessary and then fund the development and release of a minimum viable product of repository capabilities, design of federated architecture, and prototyping of repository capabilities. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to FY25 mark for data architecture/repository lack of justification. \$4.115M of the leftover funds are being executed against FY25 plan. FY26 funds will finish FY25 requirements and additional FY26 requirements.						
Title: Classified Support Description: This portion of the funding exceeds the classification of this system and will be provided on an appropriately classified system. FY 2025 Plans: This portion of the funding exceeds the classification of this system and will be provided on an appropriately classified system. FY 2026 Base Plans: FY26 funding was programmed out of this PE and to the correct classified PE location. This portion of the funding exceeds the classification of this system and will be provided on an appropriately classified system. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding has been reprogrammed to the correct location and will no longer be justified here.		-	3.475	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals		0.000	7.590	7.006	0.000	7.006
D. Other Program Funding Summary (\$ in Millions) N/A						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0302315F I Non-Kinetic Countermeasure Support
D. Other Program Funding Summary (\$ in Millions)		
Remarks		
E. Acquisition Strategy		
Contract type and strategy will be assessed each year; however, it is anticipated that there will be a mix of contract types.		
InSITE: Primary contract for the DoD and IC for general operation, maintenance, and administration of IT infrastructure and mission systems		
Cost-Plus-Fixed Fee		
Justifiable for new project in R&D phase		
Allows full flexibility for Agile Development		
Software development is a continuous process		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0302315F / Non-Kinetic Countermeasu re Support						Project (Number/Name) 675309 / Geo Info & Serv Software Development			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Data Architecture/ Repository	C/Various	NASIC : WPAFB, OH	-	0.000		4.115	Jul 2025	7.006	Jul 2026	-		7.006	-	-	-
Subtotal			-	0.000		4.115		7.006		-		7.006	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Classified Support	TBD	N/A : TBD	-	-		3.475	Feb 2025	0.000	Apr 2026	-		0.000	-	-	-
Subtotal			-	-		3.475		0.000		-		0.000	-	-	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			-	0.000		7.590		7.006		-		7.006	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0302315F / Non-Kinetic Countermeasu re Support		
			Project (Number/Name) 675309 / Geo Info & Serv Software Development		

	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
Data Architecture and Repository																												
Development and Testing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0302315F / Non-Kinetic Countermeasu re Support	Project (Number/Name) 675309 / Geo Info & Serv Software Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Data Architecture and Repository</i>				
Development and Testing	4	2025	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0303004F / <i>EIT CONNECT</i>

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	0.000	7.923	16.120	0.000	0.000	0.000	-	-	-	-	-	-
673100: <i>Operational System Development - Hq USAF Only</i>	0.000	7.923	16.120	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY2026, PE 0303004F (EIT Connect), Project 673100, Operational System Development - Hq USAF Only is finishing the prototype efforts started in FY2025.

A. Mission Description and Budget Item Justification

This activity builds upon the deployment and connectivity of solutions being delivered under the DAF Advanced Battle Management System (ABMS) Program Element 64003F. The DAF executed Task Force Sentinel Stand (TFSS) to assess cyber command relations (COMREL) at the tactical edge. TFSS proved warfighters have a critical need to take their endpoint devices to austere locations and still access needed classified data without High Assurance IP Encryptor devices. Connectivity will allow relevant mission data requirements to the edge and through space with diverse access paths to deter adversary intrusions. This will include the SD-WAN (Software-Defined Wide Area Network) routing layer to transport content across nodes through both government and commercial communication paths. Through this effort the DAF will deploy, connect, and test SD-WAN solutions in direct support of USAFE, Air Force Forces Generation (AFFORGEN), and Agile Combat Employment (ACE) initiatives, to allow Combat Air Forces to connect, move and maneuver, and recover safely, reducing risk to mission and life.

DAF CIO's vision is to provide resilient, software-defined, transport and portable end points that create efficiencies and resiliency in transport by creating a "Black Fabric" that allows multiple providers to transport multiple classifications, rather than the historic and vulnerable approach of 1 fiber, 1 network, 1 classification.

In FY2024, funding was allocated for activities to support deployment, connection and testing of an Operational EIT SD-WAN network in an "operational prototype" configuration, to demonstrate distributed edge intelligence and C2 "on-the-move" focusing on the PACAF region. Funding initiated deployment of network capability that could be scaled for employment across any DAF (or DoD) installation or weapon system.

In FY2025 funds were allocated to further Operational SD-WAN activities to design, install, and configure hardware/software solutions focusing on the USAFE region. This is to provide Global Teleport (voice) services and alternate connectivity capabilities.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 \$0.000M was expended for civilian pay expenses in this program element, and in FY2025 \$0.000M is forecasted for civilian pay expenses in this program element.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303004F I EIT CONNECT						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		32.900	32.960	0.000	0.000	0.000		
Current President's Budget		7.923	16.120	0.000	0.000	0.000		
Total Adjustments		-24.977	-16.840	0.000	0.000	0.000		
• Congressional General Reductions		-0.302	0.000					
• Congressional Directed Reductions		-24.675	-16.840					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		0.000	0.000					
• Congressional Directed Transfers		0.000	0.000					
• Reprogrammings		0.000	0.000					
• SBIR/STTR Transfer		0.000	0.000					
• Other Adjustments		0.000	0.000	0.000	0.000	0.000		
Change Summary Explanation								
FY2024 was reduced by \$24.675M due to "Enterprise IT Diverse Data-Routing Network unjustified request."								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: EIT CONNECT				7.923	16.120	0.000	0.000	0.000
Description: To ensure the efficient use of DAF investment in the tactical communications at the edge to execute ACE design and validate broader DAF level requirements that provide resilient, distributed, and secure connectivity—including mobile computing and multiple communications pathways (government and commercial space, cellular, wireless, fiber)—to mitigate adversary threats to our critical Enterprise Information Technology infrastructure during both normal/peacetime operations and in wartime operations. Initial deployments support PACAF/INDOPACOM and USAFE.								
FY 2025 Plans:								
- Design, install, and configure hardware/software SD-WAN solution for USAFE operations.								
- Provide Global Teleport (voice) services								
- Pilot Teleport services and alternate connective solutions								
- Integrate tactical satellite communications into Air Force networks.								
FY 2026 Base Plans:								

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303004F I EIT CONNECT				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
N/A						
FY 2026 OOC Plans:						
N/A						
FY 2025 to FY 2026 Increase/Decrease Statement:						
FY2025 was the last year of funding for the SD-WAN prototype effort.						
Accomplishments/Planned Programs Subtotals		7.923	16.120	0.000	0.000	0.000
D. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
N/A						
E. Acquisition Strategy						
A firm-fixed price contract will be used to provide resilient networking in the PACAF/USAFE theater.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303004F / EIT CONNECT						Project (Number/Name) 673100 / Operational System Development - Hq USAF Only			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
EIT CONNECT	C/FFP	TBD : TBD	-	7.923	Jul 2024	16.120	Apr 2025	-		-		-	-	-	41.185
Subtotal			-	7.923		16.120		-		-		-	-	-	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			-	7.923		16.120		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0303004F / EIT CONNECT				Project (Number/Name) 673100 / Operational System Development - Hq USAF Only			

	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
Operational System Development - Hq USAF Only																												
SD-WAN																												
PACAF																												
SD-WAN Pilot USAFE																												
Global Teleport Services																												
Satcom Integration																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303004F / EIT CONNECT	Project (Number/Name) 673100 / Operational System Development - Hq USAF Only

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Operational System Development - Hq USAF Only				
SD-WAN	3	2024	4	2026
PACAF	3	2024	2	2025
SD-WAN Pilot USAFE	2	2025	2	2026
Global Teleport Services	2	2025	2	2026
Satcom Integration	3	2025	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0303089F I Cyberspace and DoDIN Operations							
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	0.000	4.738	9.776	10.080	0.000	10.080	-	-	-	-	-	-
676002: Cyber Systems Modernization	0.000	4.738	9.776	10.080	0.000	10.080	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Cyberspace Operations Support (CSOS) consists of a portfolio of capabilities that provide the ability to visualize and process data from weapon/mission systems, sensed by the Integrated Defensive Cyberspace System (IDCS). CSOS supports situational awareness (SA) over Mission Relevant Terrain-Cyber (MRT-C) initially focusing development for the Pacific Air Forces (PACAF) Area of Responsibility (AOR) in FY25 and then shifting focus on development to support Global Air Force missions. CSOS positions the Air Force to comply with the FY22 National Defense Authorization Act (NDAA) Section 1505, which requests a complete mapping of MRT-C for Defense Critical Assets (DCAs) and Task Critical Assets (TCAs) to enable mission thread analysis and SA.

CSOS will focus on data analytics, visualization, dashboards, threat, and network awareness enabling missions across the Department of the Air Force (DAF). Development will focus on improvement of visualization dashboards to provide cyber-SA and decision tools. Development teams will produce Air Force-specific software modules and/or enhancements to existing suites of cyber command and control (C2) software or new software development efforts, to include Mission Defense Team (MDT) C2 software, provide weapon systems cyber awareness, and provide SA for the Air Force Information Network (AFIN) Security Operations Center (SOC).

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.000M was expended for civilian pay expenses in this program element, and in FY25 0.000M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0303089F I Cyberspace and DoDIN Operations				
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget	4.881	9.776	10.114	0.000	10.114	
Current President's Budget	4.738	9.776	10.080	0.000	10.080	
Total Adjustments	-0.143	0.000	-0.034	0.000	-0.034	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	0.000	0.000				
• SBIR/STTR Transfer	-0.143	0.000				
• Other Adjustments	0.000	0.000	-0.034	0.000	-0.034	
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Cyber Systems Modernization				4.738	9.776	10.080
Description: Capabilities developed/delivered will support integration and enhancement of existing cyber C2 solutions supporting data visualization and processing needs for sensor deployment, network, mission and control system monitoring, C2 support of mission defense teams, and SA to cyber service security providers.						
FY 2025 Plans:						
- Adapt and modify C2 solutions to meet DAF requirements						
- Initiate C2 visualization/dashboard prototyping						
- Complete PACAF AOR mapping of MRT-C						
- Support PACAF AOR cyber exercises and incorporate emerging requirements into software development cycles						
FY 2026 Plans:						
- Will continue to adapt and modify C2 solutions to meet DAF requirements						
- Will continue C2 visualization/dashboard prototyping						
- Will continue to support PACAF AOR cyber exercises and incorporate emerging requirements into software development cycles						
- Will initiate Global Air Force missions mapping of MRT-C						
- Will support Global Air Force exercises and incorporate emerging requirements into software development cycles						
FY 2025 to FY 2026 Increase/Decrease Statement:						
The increase from FY25 to FY26 is to shift development from a focus on the PACAF AOR to Global Air Force missions.						
Accomplishments/Planned Programs Subtotals				4.738	9.776	10.080

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303089F I Cyberspace and DoDIN Operations
D. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
E. Acquisition Strategy CSOS will be executed as part of the IDCS acquisition strategy which employs the Software Acquisition Pathway defined in DoDI 5000.87. CSOS will apply agile acquisition tenants to the programmatic, design/engineering, test, and delivery aspects to provide SA/C2 capabilities to the warfighter in a rapid manner and deliver PACAF AOR focused visualization/dashboard tools and applications to meet specified mission requirements. To meet PACAF AOR needs, CSOS may leverage various existing and new contract vehicles to facilitate the rapid development, integration, and fielding of capabilities designed to counter emerging and persistent cyber threats.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303089F / Cyberspace and DoDIN Operations				Project (Number/Name) 676002 / Cyber Systems Modernization					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cyber Systems Modernization - Development	TBD	TBD : TBD	-	4.081	Apr 2024	7.170	Feb 2025	7.433	Feb 2026	-		7.433	-	-	11.231
Subtotal			-	4.081		7.170		7.433		-		7.433	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cyber Systems Modernization - PMO Program Support Costs (PSC)	Various	TBD : TBD	-	0.357	Feb 2024	1.656	Feb 2025	1.664	Feb 2026	-		1.664	-	-	2.156
Subtotal			-	0.357		1.656		1.664		-		1.664	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cyber Systems Modernization - Test Support	PO	Not specified. : TBD	-	0.300	Feb 2024	0.950	Feb 2025	0.983	Feb 2026	-		0.983	-	-	1.250
Subtotal			-	0.300		0.950		0.983		-		0.983	-	-	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			-	4.738		9.776		10.080		-		10.080	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0303089F / Cyberspace and DoDIN Operations		Project (Number/Name) 676002 / Cyber Systems Modernization	

	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
Cyber Systems Modernization																												
Visualization Dashboards																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303089F / Cyberspace and DoDIN Operations	Project (Number/Name) 676002 / Cyber Systems Modernization

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Cyber Systems Modernization				
Visualization Dashboards	2	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force Date: June 2025

Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0303131F I Minimum Essential Emergency Communications Network (MEECN)

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	0.000	31.099	25.500	99.599	0.000	99.599	-	-	-	-	-	-
672832: MEECN System Improvements	0.000	2.122	1.073	1.096	0.000	1.096	-	-	-	-	-	-
672835: Common VLF/LF Receiver Inc 2	0.000	20.336	13.004	17.750	0.000	17.750	-	-	-	-	-	-
673040: Force Element Terminal	0.000	0.000	0.000	67.793	0.000	67.793	-	-	-	-	-	-
676030: Global ASNT Inc 2	0.000	8.641	11.423	12.960	0.000	12.960	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Nuclear Deterrence Operations (NDO) is an Air Force Core Function. Within this core function, Nuclear Command and Control (NC2) is the exercise of authority and direction by the President, as Commander in Chief, through established command lines, over nuclear weapon operations of military forces. The President's authority and direction are exercised through the Nuclear Command and Control System (NCCS). The NCCS is the designated combination of flexible and enduring elements including facilities, equipment, communications, procedures, personnel, and the structure in which these elements are integrated, all of which are essential for planning, directing, and controlling nuclear weapon operations.

The Minimum Essential Emergency Communications Network (MEECN) portfolio modernizes the systems necessary to effectively provide assured communications connectivity between the President and the strategic deterrence forces in stressed environments.

MEECN System Improvements (MSI) is a long-range planning effort with users (Air Force Global Strike Command (AFGSC), Air Combat Command (ACC), United States Space Force (USSF), Air Mobility Command (AMC), Air Force Special Operations Command (AFSOC), US Strategic Command (USSTRATCOM), and the US Navy (USN)) to monitor and assess the performance of existing NC3 systems and develop recommendations for strategic and tactical architecture upgrades, requirements, and issues based on available and emerging technologies. MSI is used to conduct technology testing; model performance; analyze technology strategies; conduct requirement trade space analysis, technology maturation and risk reduction efforts, and mission analysis; and build technology roadmaps as proactive support to the NC3 community. MSI performs analysis, integration, and testing activities for the NC3 Weapon System.

This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.00M is budgeted for civilian pay expenses in this project, and in FY 2025 0.00M is forecasted for civilian pay expenses in this project.

The Common Very Low Frequency/Low Frequency (VLF/LF) Receiver (CVR) Increment 2 (CVRi2) Program will develop and produce a modular open systems approach (MOSA), Cryptographic Modernization 2.0 (CM 2), New VLF Waveform compliant advanced VLF/LF receiver for all ground and airborne NC3 platforms. As the USAF VLF receiver integrator, the VLF Enterprise Program Office (VLF EPO) will continue to be responsible for VLF sustainment to include configuration management of the

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0303131F I Minimum Essential Emergency Communications Network (MEECN)	
CVR Increment 1 (CVRi1) materiel solution while also providing management support to the B-52 VLF Modernization Program for its procurement and production of the directed VLF receiver. The VLF EPO will provide the same management and engineering support to other legacy NC3 platforms' VLF receiver requirements. The VLF EPO will also develop an acquisition strategy for adaptation of CVRi2 for the current and future NC3 platforms, while establishing an overarching contract to capture both development and production of CVRi2 for multiple NC3 platforms, which will enable enterprise level management of the VLF receivers for the current and future USAF airborne and ground-based NC3 platforms. This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.00M is budgeted for civilian pay expenses in this project, and in FY 2025 0.559M is forecasted for civilian pay expenses in this project. The Family of Advanced Beyond Line-of-Sight Terminals - Force Element Terminal (FAB-T FET) program replaces the Ultra High Frequency (UHF) Milstar terminals and provides secure, protected, and survivable communications for the strategic warfighter through airborne-based Military Satellite Communication (MILSATCOM) terminals. The FAB-T FET will provide worldwide nuclear and non-nuclear, survivable, anti-jam Low Probability of Detect (LPD)/ Low Probability of Intercept (LPI) data and voice communications. The FAB-T FET will be interoperable with Advanced Extremely High Frequency (AEHF), Enhanced Polar Systems - Recapitalization (EPS-R), and Evolved Strategic SATCOM (ESS) satellite constellations and will be installed on the B-52 aircraft (threshold). FAB-T FET was designated as a Middle Tier of Acquisition (MTA) in February 2019. The FAB-T FET program transitioned from AFPEO/SP to AFPEO/NC3 effective December 2018. FAB-T FET is planned to transition to the Major Capability Acquisition (MCA) Pathway at the conclusion of MTA. The FY 2026 cost of Middle Tier of Acquisition effort FAB-T FET is reflected in the budget request, including RDT&E and procurement of prototype units. The Department will certify Future Years Defense Program (FYDP) funding in a future budget submission. This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. The Global Aircrew Strategic Network Terminal (Global ASNT) program replaces antiquated, unsustainable strategic communications equipment at bomber, tanker and reconnaissance Wing Command Posts (WCPs), Nuclear Task Forces and Munitions Support Squadrons (MUNSS) and for Mobile Support Teams (MSTs). Global ASNT is a ground-based system that will provide survivable, secure communication paths to receive Emergency Action Messages (EAMs), Force Management messages, and Force Direction messages and disseminate them to bomber, tanker, and reconnaissance aircrews. Global ASNT is being fielded in separate capability increments. Global ASNT Increment 1 (Inc 1) fields required Extremely High Frequency/Advanced Extremely High Frequency (EHF/AEHF) capabilities and replaces antiquated, unsustainable strategic mobile and fixed-site Single Channel Anti-jam Man-Portable (SCAMP) terminals and Secure, Mobile, Anti-Jam, Reliable, Tactical - Terminal (SMART-T) equipment. FY 2019 was the last year of RDT&E funding for Global ASNT Inc 1; development is complete, full rate production is in process, and fielding of terminals commenced in 2QFY22.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303131F I Minimum Essential Emergency Communications Network (MEECN)				
Global ASNT Increment 2 (Inc 2) Block 1 delivers a replacement Aircrew Alerting System (AAS) consisting of personal and general area alerting as well as Ultra High Frequency (UHF) line of sight (LOS) voice communications to bomber, tanker, and reconnaissance aircraft. Increment 2 replaces aging legacy Electromagnetic Pulse Hardened Dispersal Communication (EHDC) and Aircrew Alerting Communications Electromagnetic Pulse (AACE) systems. Global ASNT Inc 2 Block 1, the FY 2026 cost of Middle Tier of Acquisition effort is reflected in the budget request, including RDT&E and procurement of prototype units. The Department will certify Future Years Defense Program (FYDP) funding in a future budget submission. Global ASNT Increment 2 (Inc 2) Block 2 delivers High Frequency (HF) Beyond Line of Sight (BLOS) communications to bomber and tanker aircraft. The FY 2026 request was reduced by [0.001] 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. This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.00M was expended for civilian pay expenses in this project, and in FY 2025 0.00M is forecasted for civilian pay expenses in this project. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		33.567	25.500	11.550	0.000	11.550
Current President's Budget		31.099	25.500	99.599	0.000	99.599
Total Adjustments		-2.468	0.000	88.049	0.000	88.049
• Congressional General Reductions		-1.708	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.760	0.000			
• Other Adjustments		0.000	0.000	88.049	0.000	88.049

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0303131F I Minimum Essential Emergency Communications Network (MEECN)	
Change Summary Explanation FY 2024 funding reduced 2.468M (-1.708M by Congressional mark) (-0.760M SBIR Reduction). FY 2026 increase 7.296M to address MMIII issues and accommodate Global ASNT Increment 2 HEMP schedule delay. FY 2026 increase 12.960M realignment from GASNTi2 3080 (OPAF) to GASNTi2 3600 (RDT&E, AF). FY 2026 increase 67.793M - USSF Family of Beyond Line-of-Sight terminals Force element Terminals (FAB-T FET) transitioned to USAF.		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 672832 / MEECN System Improvements			
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
672832: MEECN System Improvements	0.000	2.122	1.073	1.096	0.000	1.096	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

MSI is a long-range planning effort with users [Air Force Global Strike Command (AFGSC), Air Combat Command (ACC), United States Space Force (USSF), Air Mobility Command (AMC), Air Force Special Operations Command (AFSOC), US Strategic Command (USSTRATCOM), and the US Navy] to monitor and assess the performance of existing NC3 systems and develop recommendations for strategic and tactical architecture upgrades, requirements, and issues based on available and emerging technologies. MSI is used to conduct technology testing; model performance; analyze technology strategies; conduct requirement trade space analyses, technology maturation and risk reduction efforts, mission analysis; and build technology Roadmaps as proactive support to the NC3 community. MSI performs analysis, integration, and testing activities for the NC3 Weapon System.

This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.00M was expended for civilian pay expenses in this project, and in FY 2025 0.00M is forecasted for civilian pay expenses in this project.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: MEECN System Improvements	2.122	1.073	1.096
Description: MSI is used to conduct technology testing, model performance, analyze technology strategies, conduct requirement trade space analyses, technology maturation, risk reduction efforts mission analyses, and build technology Roadmaps as proactive support to the NC3 community. MSI may also be used to execute test bed activities and exercise participation related to NC3 integration into Advanced Battle Management System (ABMS) and Joint All-Domain Command and Control (JADC2) demonstrations and execute contracts in support of next generation NC3 systems and sub-systems.			
FY 2025 Plans: - Complete the annual 2024 MSI Summary Report - Conduct analysis of the performance/condition of prototype VLF configuration on KC-46 & KC-135 tankers - Conduct analysis and identify means of improving transmission and receipt of VLF messages in NC3 exercise events - Conduct studies, analysis, proof-of-concept, and prototyping for the assessment and modernization of the AF NC3 Weapon System (AN/USQ-225); out-brief results during technical exchanges - Conduct the third phase of an in-depth cybersecurity evaluation of the fielded VLF receiver			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / <i>Minimum Essential Emergency Communications Network (MEECN)</i>	Project (Number/Name) 672832 / <i>MEECN System Improvements</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
- Conduct studies, analyses, and evaluations of the HF/DHF/AEHF NC3 Capabilities <i>FY 2026 Plans:</i> - Complete the annual 2025 MSI Summary Report - Finalize analysis of the performance/condition of prototype VLF configuration on KC-46 & KC-135 tankers - Conduct analysis and identify means of improving transmission and receipt of VLF messages in NC3 exercise events - Conduct analysis and identify potential VLF transmit and receive capabilities of existing antennas by modifying existing aircraft installation designs and leveraging novel electromagnetic effects to enhance performance of existing antennas - Conduct studies, analysis, proof-of-concept, and prototyping for the assessment and modernization of the AF NC3 Weapon System AN/USQ-225; out-brief results during technical exchanges - Complete the final phase of an in-depth cybersecurity evaluation of the fielded VLF receiver - Conduct studies, analyses, and evaluations of the HF/DHF/AEHF NC3 Capabilities <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Budget increase from FY2025 to FY2026 is attributed to inflation.			
Accomplishments/Planned Programs Subtotals		2.122	1.073
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
MSI will continue to evaluate the performance of the NC3 Weapon System by assessing performance and technology areas for improvement with the assistance of expert technical support from Federally Funded Research and Development Centers (FFRDCs) and University Affiliated Research Centers (UARCs) [e.g. MITRE, Massachusetts Institute of Technology (MIT) Lincoln Labs, and Johns Hopkins University/Applied Physics Laboratory (JHU/APL), etc.]. It may also include competitively awarded technical support contracts with industry and/or academia.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)						Project (Number/Name) 672832 / MEECN System Improvements			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MSI NC3 Roadmap / NC3 Connectivity Performances Update Cybersecurity Evaluation	Various	JHU/APL - Laurel, MD : Laurel, MD	-	0.982	Mar 2024	0.806	Jan 2025	0.824	Mar 2026	-		0.824	-	-	0.000
Subtotal			-	0.982		0.806		0.824		-		0.824	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Support	C/CPFF	Various : Various	-	0.250	Jun 2024	0.267	Nov 2024	0.272	Oct 2025	-		0.272	-	-	-
Subtotal			-	0.250		0.267		0.272		-		0.272	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FFRDC - MITRE	SS/ Various	MITRE : Bedford, MA	-	0.890	Aug 2024	-		-		-		-	-	-	0.000
Subtotal			-	0.890		-		-		-		-	-	-	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			-	2.122		1.073		1.096		-		1.096	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)						Project (Number/Name) 672832 / MEECN System Improvements			

	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
MEECN System Improvement																												
Tanker Roll-on Roll-Off (RORO) Study																												
B-2 Antenna Rx Characterization																												
CVRi1 Cyber Security Assessments																												
MSI Summary Report - FY24																												
MSI Summary Report - FY25																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)	Project (Number/Name) 672832 / MEECN System Improvements	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
MEECN System Improvement				
Tanker Roll-on Roll-Off (RORO) Study	3	2024	4	2026
B-2 Antenna Rx Characterization	3	2024	3	2025
CVRi1 Cyber Security Assessments	3	2024	3	2026
MSI Summary Report - FY24	1	2025	1	2025
MSI Summary Report - FY25	1	2026	1	2026

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 672835 / Common VLF/LF Receiver Inc 2			
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
672835: Common VLF/LF Receiver Inc 2	0.000	20.336	13.004	17.750	0.000	17.750	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Common Very Low Frequency/Low Frequency (VLF/LF) Receiver (CVR) Increment 2 (CVRi2) Program will develop and produce a modular open systems approach (MOSA), Cryptographic Modernization 2.0 (CM 2), New VLF Waveform compliant advanced VLF/LF receiver for all ground and airborne NC3 platforms. As the USAF VLF receiver integrator, the VLF Enterprise Program Office (VLF EPO) will continue to be responsible for VLF sustainment to include configuration management of the CVR Increment 1 (CVRi1) materiel solution while also providing management support to the B-52 VLF Modernization Program for its procurement and production of the directed VLF receiver. The VLF EPO will provide the same management and engineering support to other legacy NC3 platforms' VLF receiver requirements. The VLF EPO will also develop an acquisition strategy for adaptation of CVRi2 for the current and future NC3 platforms, while establishing an overarching contract to capture both development and production of CVRi2 for multiple NC3 platforms, which will enable enterprise level management of the VLF receivers for the current and future USAF airborne and ground-based NC3 platforms.

The FY 2026 request was reduced by [0.001] 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."

This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2025 0.00M was budgeted for civilian pay expenses in this project and in FY 2026 0.559M is forecasted for civilian pay expenses in this project.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: CVR Inc 2	20.336	13.004	17.750
Description: Acquisition Strategy Development, Risk Reduction, and Contract Award.			
FY 2025 Plans:			
- Host CVRi2 Industry Days			
- Continue CVRi2 Risk Reduction Activities			
- Complete CVRi2 Market Research Report			
- Complete CVRi2 Acquisition Strategy Panel			
FY 2026 Plans:			
- Complete CVRi2 Request For Proposal Release			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 672835 / Common VLF/LF Receiver Inc 2				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
- Continue Risk Reduction Activities - Complete Technical Evaluation and Source Selection												
FY 2025 to FY 2026 Increase/Decrease Statement: FY 2025 to FY 2026 increase due to prime contract award.												
Accomplishments/Planned Programs Subtotals										20.336	13.004	17.750
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	
• APAF 05 0303131F: CVR i2	0.000	0.000	0.023	-	0.023	-	-	-	-	-	-	
Remarks N/A												
D. Acquisition Strategy CVRi2 Rapid Prototyping MTA pathway closed per the CVRi2 MTA Outcome Determination ADM signed January 27, 2025 by the Decision Authority and will transition to a new acquisition strategy.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 672835 / Common VLF/LF Receiver Inc 2					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Early Development (TMRR/prototyping)	C/CPFF	Various : TBD	-	6.439	Jan 2024	4.290	Nov 2024	8.142	May 2026	-		8.142	-	-	-
Prime Contract ECOs	Various	Various : TBD	-	0.000	Mar 2024	0.000	May 2025	0.000	May 2026	-		0.000	-	-	-
MITRE (DMS)	Various	Cost : Bedford, MA	-	4.615	Oct 2023	2.406	Nov 2024	1.349	Oct 2025	-		1.349	-	-	-
GFE	Various	Various : Various	-	0.001	Nov 2023	0.001	Nov 2024	0.000	Nov 2025	-		0.000	-	-	-
NSA Certification	Various	Various : Fort Meade, MD	-	0.255	Dec 2023	0.154	May 2025	0.157	May 2026	-		0.157	-	-	-
Subtotal			-	11.310		6.851		9.648		-		9.648	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Direct Cite Civilian Pay	Various	Various : Hanscom, MA	-	0.000	Sep 2024	0.000	Sep 2025	0.559	Sep 2026	-		0.559	-	-	-
Subtotal			-	0.000		0.000		0.559		-		0.559	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	C/CPAF	96th Test Wing : Eglin AFB	-	0.562	Nov 2023	0.705	Dec 2024	0.445	Jan 2026	-		0.445	-	-	-
Subtotal			-	0.562		0.705		0.445		-		0.445	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)						Project (Number/Name) 672835 / Common VLF/LF Receiver Inc 2			
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSC (Eng/Acq Spt/Travel/IMPAC)	Various	Various : Hanscom, MA	-	6.336	Nov 2023	3.350	Jan 2025	5.100	Oct 2025	-		5.100	-	-	-
MITRE (PSC)	Various	Various : Bedford, MA	-	2.128	Nov 2023	2.098	Dec 2024	1.998	Oct 2025	-		1.998	-	-	-
Subtotal			-	8.464		5.448		7.098		-		7.098	-	-	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			-	20.336		13.004		17.750		-		17.750	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity						R-1 Program Element (Number/Name)						Project (Number/Name)			
3600 / 7						PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)						672835 / Common VLF/LF Receiver Inc 2			

	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
CVR Inc. 2 Rapid Prototyping																												
CVRi2 Rapid Prototyping Development																												
CVR Inc. 2 Follow-On Acquisition Strategy																												
CVR Inc. 2 Follow-On Acquisition Strategy Development																												
Market Research																												
Acquisition Strategy Panel																												
Industry Days																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)	Project (Number/Name) 672835 / Common VLF/LF Receiver Inc 2	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CVR Inc. 2 Rapid Prototyping				
CVRi2 Rapid Prototyping Development	1	2024	2	2025
CVR Inc. 2 Follow-On Acquisition Strategy				
CVR Inc. 2 Follow-On Acquisition Strategy Development	4	2024	4	2030
Market Research	4	2024	4	2026
Acquisition Strategy Panel	3	2025	3	2025
Industry Days	4	2026	4	2026

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 673040 / Force Element Terminal			
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
673040: Force Element Terminal	0.000	0.000	0.000	67.793	0.000	67.793	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) Force Element Terminal (FET) program is not a New Start in FY 2026. FAB-T FET was transferred from Space Force (PE 1203001SF / Project 673040 / Appropriation 3620 / Research, Development, Test, and Evaluation) to Air Force (PE 0303131F / Project 673040 / Appropriation 3600 / Research, Development, Test, and Evaluation), Transfer Memo signed 12 Nov 2024.

The FAB-T FET program replaces the Ultra High Frequency (UHF) Milstar terminal and provides secure, protected, and survivable communications for the strategic warfighter through airborne-based Military Satellite Communication (MILSATCOM) terminals. The FAB-T FET will provide worldwide nuclear and non-nuclear, survivable, anti-jam Low Probability of Detect (LPD)/ Low Probability of Intercept (LPI) data and voice communications. The FAB-T FET will be interoperable with Advanced Extremely High Frequency (AEHF), Enhanced Polar Systems - Recapitalization (EPS-R), and Evolved Strategic SATCOM (ESS) satellite constellations utilizing Extended Data Rate (XDR) waveforms and will be installed on the B-52 aircraft (threshold). FAB-T FET was designated as a Middle Tier of Acquisition (MTA) in February 2019 and is expected to be designated as Major Capability Acquisition (MCA) at the conclusion of MTA.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$00.000M was expended for civilian pay expenses in this program element, and in FY 2025 \$00.000M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: FAB-T FET	-	0.000	67.793
Description: Continue development of FETs. Development activities include, but are not limited to, FAB-T FET design, development, and qualification testing.			
FY 2025 Plans: Funding continued execution of the development of FETs. FAB-T FET integration and testing activities included reliability growth testing and fabrication of test assets; prototype and test terminals will support terminal security, environmental, and functional testing, to include flight testing, and early integration efforts.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)			Project (Number/Name) 673040 / Force Element Terminal				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
Planning and support activities continued, including qualification test planning, logistics support planning, risk reduction activities for development and follow-on production, technical analysis and studies, platform integration support, program office support, and mitigations for Diminishing Manufacturing Sources and Material Shortages in preparation for terminal production.											
FY 2026 Plans: Funding is for the continued development of FETs. FAB-T FET integration and testing activities will include reliability growth testing and fabrication of test assets; prototype and test terminals will support terminal security, environmental, and functional testing, to include flight testing, and early integration efforts.											
Planning and support activities will continue, including qualification test planning, logistics support planning, risk reduction activities for development and follow-on production, technical analysis and studies, platform integration support, program office support, and mitigations for Diminishing Manufacturing Sources and Material Shortages in preparation for terminal production.											
FY 2025 to FY 2026 Increase/Decrease Statement: Increase of \$67.793M between FY 2025 and FY 2026 is due to service transfer of funding from Research, Development, Test, and Evaluation, Space Force, PE 1203001SF, Project 673040 to Research, Development, Test, and Evaluation, Air Force, PE 0303131F, Project 673040 to support the continued development of FETs and prevent a work stoppage.											
Accomplishments/Planned Programs Subtotals							-	0.000	67.793		
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
• SPSF 01 FBLOST FAB-T: FAB-T	21.749	15.589	13.693	-	13.693	-	-	-	-	-	-
• SPSF 01 FBLOST PNVC: FAB-T	3.308	1.675	1.711	-	1.711	-	-	-	-	-	-
• SPSF 01 FET000: FAB-T	103.184	210.155	0.000	-	0.000	-	-	-	-	-	-
• RDTE 07 PNVC: FAB-T	35.319	2.003	0.303	-	0.303	-	-	-	-	-	-
• RDTE 07 FAB-T CPT: FAB-T	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-
• RDTE 07 FAB-T FET: FAB-T	64.807	0.604	0.000	-	0.000	-	-	-	-	-	-
• APAF 05 FET000: FAB-T	-	-	79.836	-	79.836	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
FAB-T FET Acquisition Strategy: Per the Acquisition Strategy Panel briefed to SAF/AQ on February 7, 2019, FAB-T FET pursued a Rapid Prototyping development Middle Tier Acquisition approach of the National Defense Authorization Act for FY 2016. This Rapid Prototyping program enabled FAB-T FET to accelerate the nominal											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / <i>Minimum Essential Emergency Communications Network (MEECN)</i>	Project (Number/Name) 673040 / <i>Force Element Terminal</i>
program development timeline in support of an accelerated USSTRATCOM-requested Initial Operating Capability. FAB-T FET awarded a development effort on January 16, 2020, to develop, build, and test prototypes and test terminals. This Rapid Prototyping effort enabled FAB-T FET to develop, install, and obtain test data from early B-52 FAB-T FET prototypes which will also have residual operations capability. The overall development effort includes system design and builds of sufficient test assets to allow for expeditious development, testing, qualification and integration support of the FAB-T FET capability. FAB-T FET will meet B-52 platform requirements to support USSTRATCOM's Strategic Nuclear Command Control and Communication (NC3) mission. On January 4, 2023, SAF/SQ approved the FAB-T FET Milestone C Acquisition Strategy which establishes the plan for the program to transition to the Major Capability Acquisition Pathway at Milestone C. Additionally, the program will begin Low-Rate Initial Production at Milestone C.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 673040 / Force Element Terminal					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FAB-T FET Development Contracts	Various	Raytheon : Marlborough, MA	-	0.000		0.000		52.158	Nov 2025	-		52.158	-	-	-
FAB-T FET Technical Mission Analysis	Various	Various : Various	-	-		-		1.500	Dec 2025	-		1.500	-	-	-
FAB-T FET Enterprise SE&I	Various	Various : Various	-	-		-		0.108	Feb 2026	-		0.108	-	-	-
Subtotal			-	0.000		0.000		53.766		-		53.766	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FAB-T FET Test & Evaluation and Assets	Various	Various : Various	-	-		-		8.670	Dec 2025	-		8.670	-	-	-
Subtotal			-	-		-		8.670		-		8.670	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FAB-T FET FFRDC	Various	Various : Various	-	-		-		2.265	Dec 2025	-		2.265	-	-	-
FAB-T FET A&AS	Various	Various : Various	-	-		-		2.000	Nov 2025	-		2.000	-	-	-
FAB-T FET Other Support	Various	Various : Various	-	-		-		1.092	Jan 2026	-		1.092	-	-	-
Subtotal			-	-		-		5.357		-		5.357	-	-	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			-	0.000		0.000		67.793		-		67.793	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 673040 / Force Element Terminal			

	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
FET																												
FAB-T FET Development																												
FAB-T FET Prototype and Test Asset Testing																												
FAB-T Force Element Terminal Production																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)	Project (Number/Name) 673040 / Force Element Terminal	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
FET				
FAB-T FET Development	1	2024	4	2027
FAB-T FET Prototype and Test Asset Testing	2	2024	2	2027
FAB-T Force Element Terminal Production	2	2026	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 676030 / Global ASNT Inc 2			
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
676030: Global ASNT Inc 2	0.000	8.641	11.423	12.960	0.000	12.960	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Global ASNT Increment 2 (Inc 2) replaces aging legacy strategic communications equipment at bomber, tanker and reconnaissance Wing Command Posts (WCPs), Nuclear Task Forces, Munitions Support Squadrons (MUNSS), and Mobile Support Teams (MSTs). Global ASNT Inc 2 is a ground-based system that will provide survivable, secure communication paths to disseminate Emergency Action Messages (EAMs) to bomber, tanker, and reconnaissance aircrews.

Global ASNT Inc 2 is being fielded in 2 separate capability incremental blocks; both blocks are High-Altitude Electro-Magnetic Pulse (HEMP) and Radiation Hazard (RADHAZ) protected.

Global ASNT Inc 2 Block 1 delivers a replacement Aircrew Alerting System (AAS) consisting of Ultra High Frequency (UHF) personal and general alerting equipment replacing EHDC and AACE systems.

The FY 2026 cost of Global Aircrew Strategic Network Terminal Increment 2 Middle Tier of Acquisition effort is reflected in the budget request, including RDT&E and procurement of prototype units. The Department will certify FYDP funding in a future budget submission

Global ASNT Inc 2 Block 2 provides High Frequency (HF) capabilities for Beyond Line of Sight (BLOS), communications to bomber, tanker and reconnaissance aircraft. Air Force Global Strike Command approved a Rapid Prototyping Requirements Document (RPRD) in December 2023 for Global ASNT Inc 2 Block 2.

This program element may include necessary revised Security Classification Guide (SCG) implementation activities.

This project may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.00M was expended for civilian pay expenses in this program element, and in FY 2025 0.00M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Global ASNT Inc 2	8.641	11.423	12.960
Description: Middle Tier Acquisition - Rapid Prototyping			
FY 2025 Plans: - Block 1: HEMP Environmental Testing			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force								Date: June 2025			
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)			Project (Number/Name) 676030 / Global ASNT Inc 2				
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2024	FY 2025	FY 2026	
- Block 1: HEMP Developmental Testing - Block 1: HEMP Operational Test/Demonstration - Block 1: HEMP M-Demo - Block 1: Conduct Production/Fielding Acquisition Strategy Panel (ASP) - Block 2: Analyze technology strategies; conduct requirement trade space analysis, technology maturation and risk reduction efforts, and mission analysis FY 2026 Plans: Block 1: Redesign and redevelopment Block 1: Regression testing Block 1: Vibration testing Block 1: FCA/PCA Block 2: Conduct Acquisition Strategy Panel and prepare Request for Proposal FY 2025 to FY 2026 Increase/Decrease Statement: Block 1: Development was expected to complete in FY 25; Program will work to address remaining FY 26 product development and Test & Evaluation requirements as appropriate.											
Accomplishments/Planned Programs Subtotals								8.641	11.423	12.960	
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
• OPAF 05 0303131F: Minimum Essential Emergency Communications Network (MEECN)	29.707	33.909	82.249	-	82.249	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
Global ASNT Inc 2 Block 1 is leveraging the Rapid Prototyping MTA pathway for development and plans to transition to an MCA for production and fielding of HEMP-hardened GANSTi2 systems.											
Global ASNT Inc 2 Block 2 is evaluating use of Rapid Prototyping MTA pathway for Technology Maturation and Risk Reduction (TMRR) and development for possible transition to Rapid Fielding or Milestone C. There is currently no approved Acquisition Strategy for the program.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)						Project (Number/Name) 676030 / Global ASNT Inc 2			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development	C/CPIF	Various : Bedford, MA	-	7.777	Apr 2024	9.308	Apr 2025	5.287	Jan 2026	-		5.287	-	-	-
Subtotal			-	7.777		9.308		5.287		-		5.287	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Direct Cite Civilian Pay	Various	Various : Bedford, MA	-	0.000		0.089	Jul 2025	0.559	Oct 2025	-		0.559	-	-	-
Information Assurance	SS/CPFF	Booz Allen Hamilton : Bedford, MA	-	0.000	Jul 2024	0.000	Jul 2025	0.200	Jul 2026	-		0.200	-	-	-
Subtotal			-	0.000		0.089		0.759		-		0.759	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Planning	PO	96 TW : Eglin AFB, FL	-	0.335	Jun 2024	1.526	Nov 2024	2.000	Mar 2026	-		2.000	-	-	-
Subtotal			-	0.335		1.526		2.000		-		2.000	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSC - (Eng/Acq Support, Travel)	C/CPFF	Various : Bedford, MA	-	-		-		1.914	Oct 2025	-		1.914	-	-	-
PSC-MITRE	C/CPFF	Not specified. : TBD	-	0.529	Oct 2023	0.500	Oct 2024	3.000	Oct 2025	-		3.000	-	-	-
Subtotal			-	0.529		0.500		4.914		-		4.914	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025						
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)				Project (Number/Name) 676030 / Global ASNT Inc 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					-	8.641		11.423		12.960		-		12.960	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)						Project (Number/Name) 676030 / Global ASNT Inc 2			

	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
Global ANST Inc 2																												
RDT&E (Non-HEMP) Block 1																												
RDT&E (HEMP) Block 1																												
Production (Non-HEMP) Block 1																												
Production (HEMP): Block 1																												
RAA IOC (Non-HEMP) Block 1																												
RAA IOC (HEMP) Block 1																												
IOC (HEMP) Block 1																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / Minimum Essential Emergency Communications Network (MEECN)	Project (Number/Name) 676030 / Global ASNT Inc 2	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Global ANST Inc 2				
RDT&E (Non-HEMP) Block 1	1	2024	2	2024
RDT&E (HEMP) Block 1	1	2024	2	2026
Production (Non-HEMP) Block 1	1	2024	2	2025
Production (HEMP): Block 1	1	2026	2	2030
RAA IOC (Non-HEMP) Block 1	2	2025	2	2025
RAA IOC (HEMP) Block 1	2	2026	3	2026
IOC (HEMP) Block 1	4	2026	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0303133F / <i>High Frequency Radio Systems</i>							
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	0.000	26.370	8.667	19.955	0.000	19.955	-	-	-	-	-	-
675046: <i>Systems Engineering & Integration</i>	0.000	26.370	8.667	19.955	0.000	19.955	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This program element funds the Airborne High Frequency Radio Modernization (AHFRM) program. The AHFRM program is critical for maintaining long-range High Frequency (HF) communication capabilities across multiple U.S. military aircraft platforms. This program replaces the existing, end-of-life AN/ARC-190 HF radios with the modernized AN/ARC-260 digital, software-defined HF radio. Federal Aviation Administration (FAA) regulation mandates that all aircraft have HF radio capability on all transoceanic flights. This replacement is essential because the AN/ARC-190 is the only HF radio currently available for 15 critical aircraft platforms used by the U.S. Air Force, U.S. Marine Corps, and U.S. Coast Guard, encompassing 1,300 aircraft in total, many of which require multiple radios.

By mid FY 2027, the AN/ARC-190 (no longer in production) is projected to fall below supply chain thresholds due to obsolescence, creating a critical capability gap.

Impacted aircraft include AC-130J, B-1, B-52, C-5, C-17, C-130H, C-130J, E-4C, EC-130J, HC-130J (Air Force & Coast Guard), KC-46, KC-130T (US Marine Corps), KC-135, LC-130H, and MC-130J.

The AN/ARC-260 is the only airborne HF digital radio currently in development capable of bridging this gap. It provides critical long-range HF communication, especially when satellite communications are disrupted. The AN/ARC-260 also incorporates advanced technologies, including 3G/4G Automatic Link Establishment and Low Probability of Intercept/Detection/Geolocation features, with an open architecture that supports software upgrades and future technology integration. These requirements ensure a survivable and secure communication path for critical Force Direction messages, making the AHFRM program essential for maintaining mission readiness.

FY 2026 BUDGET JUSTIFICATION:

In FY 2026, the AHFRM program will prioritize development of a digital antenna coupler and critical software upgrades for the AN/ARC-260 radio. The legacy analog coupler from the AN/ARC-190 was used in the development of the AN/ARC-260, however, it restricts the HF radio's processing power to 10 kHz instead of the desired 48 kHz wideband throughput.

While the legacy analog coupler is compatible with the AN/ARC-260, it significantly diminishes the radio's overall capabilities. Furthermore, the analog coupler is no longer in production, creating significant supportability challenges beginning in FY 2027. Developing a digital antenna coupler unlocks the AN/ARC-260's full capabilities, ensuring optimal performance and long-term sustainability.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303133F I High Frequency Radio Systems				
FY 2026 digital coupler development activities include vendor site visits to determine vendor eligibility, vendor source selection, and initiating efforts in risk assessment and cost analysis, system engineering trade studies, requirements refinement and validation, and prototyping.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY24 \$0.000M was expended for civilian pay expenses in this program element, and in FY25 \$0.000M is forecasted for civilian pay expenses in this program element.						
The FY 2026 request was reduced by \$1.984 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."						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		40.000	8.667	0.000	0.000	0.000
Current President's Budget		26.370	8.667	19.955	0.000	19.955
Total Adjustments		-13.630	0.000	19.955	0.000	19.955
• Congressional General Reductions		-12.700	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.930	0.000			
• Other Adjustments		0.000	0.000	19.955	0.000	19.955
Change Summary Explanation						
The \$13.630 million decrease in FY 2024 reflects Congressional reductions for unjustified growth and test assets early to need (-\$12.700 million) and reductions related to Small Business Innovation Research (SBIR) transfers (-\$0.930 million)						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303133F / High Frequency Radio Systems				Project (Number/Name) 675046 / Systems Engineering & Integration			
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
675046: Systems Engineering & Integration	0.000	26.370	8.667	19.955	0.000	19.955	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program element funds the Airborne High Frequency Radio Modernization (AHFRM) program. The AHFRM program is critical for maintaining long-range High Frequency (HF) communication capabilities across multiple U.S. military aircraft platforms. This program replaces the existing, end-of-life AN/ARC-190 HF radios with the modernized AN/ARC-260 digital, software-defined HF radio. Federal Aviation Administration (FAA) regulation mandates that all aircraft have HF radio capability on all transoceanic flights. This replacement is essential because the AN/ARC-190 is the only HF radio currently available for 15 critical aircraft platforms used by the U.S. Air Force, U.S. Marine Corps, and U.S. Coast Guard, encompassing 1,300 aircraft in total, many of which require multiple radios.

By mid FY 2027, the AN/ARC-190 (no longer in production) is projected to fall below supply chain thresholds due to obsolescence, creating a critical capability gap.

Impacted aircraft include AC-130J, B-1, B-52, C-5, C-17, C-130H, C-130J, E-4C, EC-130J, HC-130J (Air Force & Coast Guard), KC-46, KC-130T (US Marine Corps), KC-135, LC-130H, and MC-130J.

The AN/ARC-260 is the only airborne HF digital radio currently in development capable of bridging this gap. It provides critical long-range HF communication, especially when satellite communications are disrupted. The AN/ARC-260 also incorporates advanced technologies, including 3G/4G Automatic Link Establishment and Low Probability of Intercept/Detection/Geolocation features, with an open architecture that supports software upgrades and future technology integration. These requirements ensure a survivable and secure communication path for critical Force Direction messages, making the AHFRM program essential for maintaining mission readiness.

FY 2026 BUDGET JUSTIFICATION:

In FY 2026, the AHFRM program will prioritize development of a digital antenna coupler and critical software upgrades for the AN/ARC-260 radio. The legacy analog coupler from the AN/ARC-190 was used in the development of the AN/ARC-260, however, it restricts the HF radio's processing power to 10 kHz instead of the desired 48 kHz wideband throughput.

While the legacy analog coupler is compatible with the AN/ARC-260, it significantly diminishes the radio's overall capabilities. Furthermore, the analog coupler is no longer in production, creating significant supportability challenges beginning in FY 2027. Developing a digital antenna coupler unlocks the AN/ARC-260's full capabilities, ensuring optimal performance and long-term sustainability.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303133F / High Frequency Radio Systems	Project (Number/Name) 675046 / Systems Engineering & Integration		
FY 2026 digital coupler development activities include vendor site visits to determine vendor eligibility, vendor source selection, and initiating efforts in risk assessment and cost analysis, system engineering trade studies, requirements refinement and validation, and prototyping.				
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY24 \$0.000M was expended for civilian pay expenses in this program element, and in FY25 \$0.000M is forecasted for civilian pay expenses in this program element.				
The FY 2026 request was reduced by \$1.984 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. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Airborne High Frequency Radio Modernization (AHFRM)		26.370	8.667	19.955
Description: Development of Airborne High Frequency Radio System (AN/ARC-260 HF radio) for 15 aircraft platforms				
FY 2025 Plans:				
-Complete Integration Operational Testing on all Aircraft Platforms				
-Complete Sustainment Planning efforts on AN/ARC-260 Radio Development				
-Conduct Material Solutions Analysis (MSA) for Digital Coupler Development				
-Develop and release Request for Proposal (RFP) for Digital Coupler Development				
FY 2026 Plans:				
-Will perform Vendor site visits to determine Vendor eligibility				
-Will select Vendor for digital coupler development				
-Will begin risk assessment and cost analysis activities				
-Will perform system engineering trade studies				
-Will begin requirements refinement and validation activities				
-Will begin AN/ARC-260 digital coupler prototyping				
FY 2025 to FY 2026 Increase/Decrease Statement:				
The \$11.288M increase from FY 2025 to FY 2026 reflects efforts for source selection, risk assessment and cost analysis, systems engineering trades studies, requirements refinement and validation, and prototyping efforts to replace the AN/ARC-260 radio's analog coupler with a digital coupler to support higher wideband frequency throughput				
Accomplishments/Planned Programs Subtotals		26.370	8.667	19.955

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303133F / High Frequency Radio Systems	Project (Number/Name) 675046 / Systems Engineering & Integration	

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
• APAF 07 000075: Other Production Charges	0.000	0.000	12.058	-	12.058	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

The Service Acquisition Executive (SAE) designated the AHFRM program a Middle Tier of Acquisition (MTA) Rapid Prototyping effort on 4 Sep 2018. To date, the program completed a competitive rapid prototyping effort and awarded the AN/ARC-260 HF radio development contract to BAE Systems in Dec 2021. The AHFRM program transitioned to a Major Capability Acquisition (MCA) Acquisition Category III (ACAT III) program in April 2024 to finish development and testing prior to fielding.

The Milestone Decision Authority for the program is the Combat Avionics Division Senior Material Leader-AFLCMC/WNX. Program management for the AHFRM program is located at Warner Robins Air Force Base (AFB), Georgia. The Air Force Life Cycle Management Center - Combat Avionics Division (AFLCMC/WNX) provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303133F / High Frequency Radio Systems				Project (Number/Name) 675046 / Systems Engineering & Integration					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Digital Coupler Development - Material Solutions Analysis (MSA)	Various	AFLCMC/WNX : Warner Robins, AFB, GA	-	-		2.304	Oct 2024	-		-		-	-	-	-
Digital Coupler Development - Link-22 Capabilities Study	Various	AFLCMC/WNX : Warner Robins, AFB, GA	-	-		2.938	May 2025	-		-		-	-	-	-
Digital Coupler Development - Risk Assessment and Cost Analysis	Various	AFLCMC/WNX : Warner Robins, AFB, GA	-	-		-		4.258	Jan 2026	-		4.258	-	-	-
Digital Coupler Development - Systems Engineering Trade Studies	Various	AFLCMC/WNX : Warner Robins, AFB, GA	-	-		-		3.872	Jan 2026	-		3.872	-	-	-
Digital Coupler Development - Requirements Refinement and Validation	TBD	TBD : TBD	-	-		-		6.344	Mar 2026	-		6.344	-	-	-
Digital Coupler Development - Prototyping	TBD	TBD : TBD	-	-		-		2.772	Mar 2026	-		2.772	-	-	-
Subtotal			-	-		5.242		17.246		-		17.246	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
HF Radio Development - Sustainment Planning	C/FFP	BAE Systems, Inc : Ft. Wayne, IN	-	4.092	Jan 2024	0.056	Jan 2025	-		-		-	-	-	-
HF Radio Development - System Requirements Documentation (SRD) Changes	C/FFP	BAE Systems, Inc : Ft. Wayne, IN	-	2.807	Jan 2024	-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0303133F / High Frequency Radio Systems

Project (Number/Name)

675046 / Systems Engineering & Integration

Support (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Digital Coupler Development - Vendor Eligibility Site Visit Analysis	Various	AFLCMC/WNX : Warner Robins, AFB, GA	-	-		-		1.334	Dec 2025	-		1.334	-	-	-
Subtotal			-	6.899		0.056		1.334		-		1.334	-	-	N/A

Test and Evaluation (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
HF Radio Development - Aircraft Platform Integration Operational Testing	MIPR	412th Test Wing : Edwards AFB, CA	-	6.604	Jan 2024	2.507	Feb 2025	-		-		-	-	-	-
HF Radio Development - Aircraft Integration Test Assets	C/FFP	BAE Systems, Inc : Ft. Wayne, IN	-	10.860	Aug 2024	-		-		-		-	-	-	-
Subtotal			-	17.464		2.507		-		-		-	-	-	N/A

Management Services (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs	Various	AFLCMC/WNX : Warner Robins, AFB, GA	-	2.007	Jan 2024	0.862	Jan 2025	1.375	Jan 2026	-		1.375	-	-	-
Subtotal			-	2.007		0.862		1.375		-		1.375	-	-	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			-	26.370	8.667	19.955	-	19.955	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0303133F / High Frequency Radio Systems		Project (Number/Name) 675046 / Systems Engineering & Integration	

	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
AN/ARC-260 HF Radio Development																												
Sustainment Planning																												
Aircraft Platform Integration Operational Testing																												
AN/ARC-260 Digital Coupler Development																												
Material Solutions Analysis (MSA)																												
Request for Proposal (RFP)																												
Vendor Source Selection																												
Technical Maturation & Risk Reduction (TMRR)																												
Engineering & Manufacturing Development (EMD)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303133F / High Frequency Radio Systems	Project (Number/Name) 675046 / Systems Engineering & Integration	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
AN/ARC-260 HF Radio Development				
Sustainment Planning	2	2024	3	2025
Aircraft Platform Integration Operational Testing	2	2024	4	2025
AN/ARC-260 Digital Coupler Development				
Material Solutions Analysis (MSA)	1	2025	2	2025
Request for Proposal (RFP)	3	2025	3	2025
Vendor Source Selection	1	2026	2	2026
Technical Maturation & Risk Reduction (TMRR)	3	2026	4	2027
Engineering & Manufacturing Development (EMD)	1	2028	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0303140F / <i>Information Systems Security Program</i>

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	0.000	89.233	94.424	98.414	0.000	98.414	-	-	-	-	-	-
675100: <i>Cryptographic Modernization</i>	0.000	56.836	0.000	0.000	0.000	0.000	-	-	-	-	-	-
675200: <i>Cryptographic Modernization 2 (CM2)</i>	0.000	32.397	94.424	98.414	0.000	98.414	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Information Systems Security Program (ISSP) - Includes resources, manpower authorizations, necessary facilities and equipment required to develop, deliver, and sustain Cryptographic Modernization (CM) capabilities to nearly all Department of the Air Force (DAF) weapon systems that encrypt/decrypt sensitive information. CM ensures confidentiality, integrity, and availability of the information and the systems. The CM work done in the Information Systems Security Program (ISSP) ensures that DAF systems receive cryptographic capabilities that are compliant with National Security Agency (NSA) mandates and that commanders can confidently leverage for Joint All Domain Command and Control (JADC2) capabilities.

The ISSP Element and associated CM activities provide a foundational Communications Security (COMSEC) capability that is the first and last line of cyber defense against adversary exploitation. The DAF and the DoD require the capability to securely collect, process, store, and disseminate an uninterrupted flow of information, while denying an adversary the ability to intercept, collect, destroy, interpret, or manipulate our information flows. CM provides secure communication to allow the DoD to achieve and maintain decision superiority, the key to successful application of the military instrument of national power in modern full-spectrum operations. DAF COMSEC equipment protects sensitive information such as warfighter positions, mission planning, target strikes, commanders' orders, intelligence, force strength, and force readiness. When an adversary is capable of interpretation, manipulation, or destruction of the information used by the warfighter, DoD military forces will suffer significant and/or devastating mission degradation that can result in loss of life and resources and/or exceptionally grave damage to national security. The advanced threats and capabilities of near-peer adversaries will necessitate the exclusion of weapon systems with obsolete cryptography from Combatant Commander Areas of Responsibility (AORs)—diminishing the ability of the DAF to communicate securely in a high-end fight. The 2021 National Defense Authorization Act (NDAA) mandates the services begin reporting on their CM activities and status of obsolete products starting in Jan 2022, as well as the National Security Memorandum 10 (4 May 2022) which identifies the need for quantum-resistant crypto. These documents highlight the high importance of ISSP efforts.

The overall focus of the Research, Development, Test, and Evaluation (RDT&E) efforts within the ISSP program is to transform current CM devices to protect against current technology threats, which include quantum computing. The modernization effort is required by Chairman Joint Chiefs of Staff Notice (CJCSN) 6510 and NSA Decertification Messages (CED-31-15/037-21/032-16) from FY23 for the need to add Quantum Resilience (QR) to the existing high assurance cryptographic products. This effort will allow protection against advanced & evolving quantum computing threats. All existing crypto devices will be vulnerable and must be modernized to be quantum resilient. These efforts are driven by the NSA requirements to implement newly developed Quantum Resistant Algorithms (QRAs). The NSA requires an inventory of cryptographic devices that are more resilient to future threats through full software re-programmability. This will enable protection against near peer adversary exploitation and provide the ability to rapidly adapt against newer threats.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303140F I Information Systems Security Program				
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 2.074M was expended for civilian pay expenses in this program element, and in FY 2025 3.894M is forecasted for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		95.523	94.424	87.536	0.000	87.536
Current President's Budget		89.233	94.424	98.414	0.000	98.414
Total Adjustments		-6.290	0.000	10.878	0.000	10.878
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		-3.431	0.000			
• SBIR/STTR Transfer		-2.773	0.000			
• Other Adjustments		-0.086	0.000	10.878	0.000	10.878
Change Summary Explanation						
FY26 increase address refined CM2 Threshold Requirements and NSA Security Evaluation Requirements Document (SERD).						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program				Project (Number/Name) 675100 / Cryptographic Modernization			
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
675100: Cryptographic Modernization	0.000	56.836	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The DAF Cryptographic Modernization (CM) effort modernizes cryptographic devices protecting critical national security information across multi-domain operations. This DAF effort supports an integrated effort across the cyber domain to transform to next-generation cryptographic capabilities. It provides U.S. forces and multinational and interagency partners the multi-domain security needed to protect the flow and exchange of strategic, operational, and tactical information in accordance with national and international policy/standards, and the validated requirements of decision makers, warfighters, and the intelligence community. The AF Cryptographic Modernization 2 (CM2) effort is required by Chairman Joint Chiefs of Staff Notice (CJCSN) 6510 and NSA Decertification Messages (CED-31-15/037-21/032-16) for the need to add quantum resistance to the existing high assurance cryptographic products. This effort will allow protection against advanced & evolving quantum computing threats. All existing crypto devices will be vulnerable and must be modernized to be quantum resilient. The majority of the development effort includes hardware changes to the existing crypto devices.

The CM effort is a holistic DAF-wide "modern" cryptographic strategy to provide long-term, evolving protection of NC3, ISR, PKI, KME, and nearly all AF platforms and ground networks. CM will provide the required enhanced security for all DAF voice, data, and video capabilities on the battlefield and throughout the DoD enterprise and will enable the integration of new capabilities to DAF users through development of a new DoD CM2 Initial Capabilities Document (ICD) dated 15 July 2021.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 2.074M was expended for civilian pay expenses in this program element, and in FY 2025 3.894M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Technology Development (TD)	27.568	-	-
Description: Technology Development (TD) provides the technical maturation efforts needed to posture for the current and upcoming quantum computing threats, as well as comply with NSA threat timelines. The maturation of these efforts will provide an enterprise approach to modular open system architectures.			
Title: Identification Friend or Foe (IFF) Mode 5	5.618	-	-
Description: Modernization of IFF Mode 5 devices enables the warfighter to engage and accurately identify friendly or enemy forces as friend or foe. It prevents fratricide during target engagements and provides authentication and encryption/decryption services. The modernized devices will be quantum resilient and prevent enemy disruption of IFF functions. They will enhance the			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program			Project (Number/Name) 675100 / Cryptographic Modernization				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
needed security for interrogations and response. These encryption devices operate within military aircraft, fixed, and transportable ground stations when connected to an interrogator and/or transponder. The IFF Mode 5 crypto modules KIV-77 and KIV-78 requires permanent modification. The modification of these devices is required to address quantum threats, producibility and algorithm reprogrammability mandated by the NSA and the 2019 CJCSN 6510.											
Title: Algorithm Transition Compliance and Support Description: Supports Air Combat Command (AF lead for Cyber Superiority) in Algorithm Transition Compliance and provides Information Assurance (IA) support by investigating and analyzing all utilized cryptographic algorithms and hundreds of cryptographic equipment types to support the transformation effort in becoming quantum resilient. This includes the development of prototyping efforts to include the development of a software program of a centralized near real-time accountability of AF COMSEC equipment that reports compliance to AF/DoD Leadership. In addition, it will provide automated software updates to crypto devices (networked & non-networked), and field modernized cryptography, algorithms, and quantum computing.							6.680	-	-		
Title: Space Modular Common Crypto (SMCC) Description: SMCC architecture is being studied for quantum resilient impacts.							8.217	-	-		
Title: Classified Data At Rest (CDAR) Description: CDAR will provide the capability to render classified data at rest unusable to adversaries if data storage is captured or compromised, eliminating policy compliance shortfalls. The development of CDAR is an NSA approved modernized cryptographic solution(s) for use in 45 Air Force platforms/systems exposed to hostile/uncontrolled environments. The enterprise cryptographic solution will encrypt/decrypt Top Secret and Below (TSAB) data at rest residing in a variety of data storage environments.							8.753	-	-		
Accomplishments/Planned Programs Subtotals							56.836	-	-		
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
• OPAF 03 831010: COMSEC Equipment	101.828	63.233	169.363	-	169.363	-	-	-	-	-	-
Remarks											
Remarks: Other Program Funding reflects Crypto Modernization (CM) portion of Information Systems Security Program (ISSP) Other Procurement Air Force (OPAF) total.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program	Project (Number/Name) 675100 / Cryptographic Modernization
D. Acquisition Strategy Implement AF portion of the DoD's Cryptographic Modernization (CM) Initiative through modernization/modification efforts, in varying stages of the acquisition cycle, with focus on minimizing life cycle costs. The CM portfolio of component acquisition projects is executing using a variety of approaches that vary from an evolutionary acquisition strategy using spiral development (for new component development) to incremental improvement leveraging leading-edge, certified non-developmental items (for modernization). Contract type is selected for each of the individual projects based upon its acquisition approach and its unique technology risks. A mixture of fixed-price and cost-reimbursement contracts have been selected which maximize the best value for the Government.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program				Project (Number/Name) 675100 / Cryptographic Modernization					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Tech Development	Various	MULTIPLE : MULTIPLE	-	24.890	Feb 2024	-		-		-		-	-	-	-
IFF Mode 5	Various	MULTIPLE : MULTIPLE	-	1.000	Feb 2024	-		-		-		-	-	-	-
SPACE MODULAR COMMON CRYPTO (SMCC)	Various	MULTIPLE : MULTIPLE	-	1.000	Feb 2024	-		-		-		-	-	-	-
Algorithm Transition Compliance and Support	Various	MULTIPLE : MULTIPLE	-	3.780	Nov 2023	-		-		-		-	-	-	-
CDAR	Various	MULTIPLE : MULTIPLE	-	0.000	Feb 2024	-		-		-		-	-	-	-
Subtotal			-	30.670		-		-		-		-	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IFF Mode 5	C/CPAF	Not specified. : TBD	-	2.920	Jan 2024	-		-		-		-	-	-	-
Subtotal			-	2.920		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs (PSC)	Various	Various : Various	-	23.246	Dec 2023	-		-		-		-	-	-	-
Subtotal			-	23.246		-		-		-		-	-	-	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			-	56.836		-		-		-		-	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force							Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program			Project (Number/Name) 675100 / Cryptographic Modernization			
	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									

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program									
										Project (Number/Name) 675100 / Cryptographic Modernization									

	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
Cryptographic Modernization APPN 3600, BA07, PE 0303140F, BPAC 675100																												
Technology Development																												
IFF Mode 5																												
Algorithm Transition Compliance and Support																												
Space Modular Common Crypto (SMCC)																												
CDAR																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program	Project (Number/Name) 675100 / Cryptographic Modernization	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Cryptographic Modernization APPN 3600, BA07, PE 0303140F, BPAC 675100				
Technology Development	1	2024	4	2024
IFF Mode 5	1	2024	4	2025
Algorithm Transition Compliance and Support	1	2024	4	2025
Space Modular Common Crypto (SMCC)	1	2024	4	2025
CDAR	1	2024	4	2024

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program				Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)			
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
675200: Cryptographic Modernization 2 (CM2)	0.000	32.397	94.424	98.414	0.000	98.414	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Department of the Air Force (DAF) Cryptographic Modernization 2 (CM2) effort modernizes cryptographic devices protecting critical national security information across multi-domain operations. This DAF effort supports an integrated effort across the cyber domain to transform to next-generation cryptographic capabilities. It provides U.S. forces and multinational and interagency partners the multi-domain security needed to protect the flow and exchange of strategic, operational, and tactical information in accordance with national and international policy/standards, and the validated requirements of decision makers, warfighters, and the intelligence community. CM2 modernization is required by Chairman Joint Chiefs of Staff Notice (CJCSN) 6510 and National Security Agency (NSA) Decertification Messages (CED-31-15/037-21/032-16) from FY23 for the need to add Quantum Resilience (QR) to the existing high assurance cryptographic products. This effort will allow protection against advanced & evolving quantum computing threats. All existing crypto devices will be vulnerable and must be modernized to be quantum resilient.

The CM2 effort is a holistic Air Force wide "modern" cryptographic strategy to provide long-term, evolving protection of Nuclear Command, Control, and Communications (NC3), Intelligence, Surveillance, Reconnaissance (ISR), Public Key Infrastructure (PKI), Key Management Enterprise (KME), and nearly all DAF platforms, ground and space networks. CM2 will provide the required enhanced security for all DAF voice, data, and video capabilities on the battlefield and throughout the DoD enterprise. In addition to the development /modernization of the devices, this effort requires studies, proof of concepts, and prototype efforts to accurately address the evolving quantum computing threats in the years to come and ramp up efforts accordingly.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 2.074M was expended for civilian pay expenses in this program element, and in FY 2025 3.894M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Technology Development (TD)	4.751	9.828	4.911
Description: CM2 TD will provide crypto devices with enterprise solutions that are more robust, modular, scalable, and provide durability to existing cryptographic end items, as well as updating midterm aging/unsupportable crypto equipment. All existing crypto devices will be vulnerable and must be modernized to be QR. The development efforts include hardware and software changes to the existing crypto devices while identifying new efforts necessary for development to address the refined CM2 Threshold Requirements and NSA Security Evaluation Requirements Document (SERD).			
FY 2025 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0303140F / <i>Information Systems Security Program</i>		Project (Number/Name) 675200 / <i>Cryptographic Modernization 2 (CM2)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
- Continue technical maturation activities for modular, open systems architecture to be leveraged for DoD enterprise solutions - Continue to work with NSA on implementation of new algorithms and crypto key management standards to share with the defense industrial base for CM2 efforts - Continue to further enable artificial intelligence and machine learning capabilities for the Joint All Domain Command and Control (JADC2) by developing and delivering NSA cryptologic solutions to secure communications and data for tactical and strategic level data - Award development contracts for incorporating quantum resilience for additional Network Enabled Weapons, Beyond Line-of-Sight Comms, and High Speed Crypto - Continue to further enable strategic deterrent capabilities for the Sentinel Program and Vault Modernization Program by developing and delivering NSA cryptologic solutions to secure communications and data for Nuclear Command and Control mission - Execute innovative proof of concept contracts to build near-real time high assurance crypto situational awareness - Execute contracts developing the crypto core standards to support the modernization of the joint-interest NexGen Secure Voice that provides secure voice capabilities, Tactical Key Management Architecture, and Virtual Encryption across the enterprise - Execute activities to operationalize and enable future NSA required all-black secure key management and distribution capabilities FY 2026 Plans: - Will complete concept refinement Multi-Function Encryption - Will continue to work with NSA on implementation of emerging algorithms and crypto key management standards to share with defense contractors on CM2 efforts - Will continue development contracts for incorporating quantum resilience for additional Network Enabled Weapons, Beyond Line-of-Sight Comms, and High Speed Crypto - Will continue to further enable strategic deterrent capabilities for the Sentinel Program and Vault Modernization Program by developing and delivering NSA cryptologic solutions to secure communications and data for Nuclear Command and Control mission - Will continue innovative proof of concept contracts to build near-real time high assurance crypto situational awareness - Will continue ramp up of contracts for development of crypto core standards to support the modernization of the joint-interest in Cypher Shield that provides secure voice capabilities, Tactical Key Management Architecture, and Virtual Encryption across the enterprise - Will continue activities to operationalize and enable future NSA required all-black secure key management and distribution capabilities FY 2025 to FY 2026 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program	Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
Decrease due to completion of multi-function encryption acquisition activities.					
Title: Information Assurance (IA) Support Description: Supports Air Combat Command (the AF lead for Cyber Superiority) in Algorithm Transition Compliance and provides IA support by investigating and analyzing all utilized cryptographic algorithms and hundreds of cryptographic equipment types to support the transformation effort in becoming quantum resilient. This includes the development of prototyping efforts to include the development of software program of a centralized near real-time accountability of DAF COMSEC equipment that reports compliance to DAF/DoD Leadership. In addition, it will provide automated software updates to crypto devices (networked & non-networked), and field modernized cryptography, algorithms, and quantum computing. FY 2025 Plans: - Continue tech maturation efforts to reduce risk on the new algorithm integrations across all crypto devices - Continue fielding efforts to operationalize new NSA required key management and distribution capabilities across the enterprise - Continue to work across all MAJCOMs to ensure the Department of the Air Force is implementing enterprise crypto solutions to reduce logistical footprints and sustainment costs - Continue to incorporate model-based systems engineering processes and methodologies to increase user validation of solutions and reduce integration costs for platforms FY 2026 Plans: - Will continue tech maturation efforts to reduce risk on the new algorithm integrations across all crypto devices - Will continue fielding efforts to operationalize new NSA required key management and distribution capabilities across the enterprise - Will continue to work across all MAJCOMs to ensure the DAF is implementing enterprise crypto solutions to reduce logistical footprints and sustainment costs - Will continue to incorporate model-based systems engineering processes and methodologies to increase user validation of solutions and reduce integration costs for platforms FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to labor cost requirements to support Quantum Resilient activities through the award of several programs including Crypto Enterprise Management and Remote Rekey-Next Gen.			0.000	4.040	4.216
Title: Crypto Enterprise Management Description: Cryptographic Enterprise Management (CEM) will lead the continuous software development of an asset management and information system/application. The purpose of this application is to streamline current USAF NSA Controlled Cryptographic Item (CCI) management capabilities and provide enhanced traceability, accountability, and status. The effort will			7.122	11.781	12.722

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
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B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
integrate data from currently fielded USAF logistics and supply chain management systems and then provide a holistic, connected enterprise view.					
FY 2025 Plans: - Enhance user experience with the CEM application, executing this through continuous user engagement with stakeholders and user community to maintain a robust product backlog - Enrich CCI records with additional CMCS data feeds by migrating and deploying to DAF CLOUDworks (SIPR) - Integrate software inventory data to support future HAIPE Binding Operational Directive reporting efforts - Execute studies that address Operational Management capability gaps and solutions to dynamically discover and monitor health and status of networked High Assurance Devices (HAD) FY 2026 Plans: - Develop COMSEC device chain of custody, enabling AF visibility into the sequence of custody, control, transfer, analysis, and disposition of COMSEC devices. - Coordinate with NSA to develop standardized specifications that define CCI device HBOM (Hardware Bill of Materials), SBOM (Software Bill of Materials), and CBOM (Cryptography Bill of Materials). Enrich CCI records with detailed SBOM/HBOM/CBOM. - Coordinate with user community to develop solutions to regularly report COMSEC device inventory and logs Develop capabilities to automate review of logs across the inventory of DAF COMSEC Devices (TR101). FY 2025 to FY 2026 Increase/Decrease Statement: - Increase to establish delivery cadence of continuous capability releases to execute product backlog. As well as execute pathfinder efforts to develop crypto health and status capability					
Title: Remote Rekey Next Generation (RRK-NG), nicknamed Black Arrow Description: RRK-NG will lead development of a key distribution/management system providing the transmission of key material to control sites and unmanned remote sites. The development of RRK-NG is an NSA approved modernized cryptographic solution for use by the North American Aerospace Defense Command (NORAD) Tactical Air Defense mission for Eastern & Western defense sectors, Federal Aviation Administration (FAA) Air Traffic Control mission, with the capability to be releasable for foreign military sales. FY 2025 Plans: - Continue the development efforts to provide quantum resiliency models showcasing the key distribution architecture capability to unmanned remote sites across the CONUS/OCONUS enterprise.			10.949	20.642	22.908

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303140F / <i>Information Systems Security Program</i>	Project (Number/Name) 675200 / <i>Cryptographic Modernization 2 (CM2)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
- Execute award of the software development Increment 2 of the development efforts to provide software modernization capability separate from the hardware baseline to ease future modernization efforts. FY 2026 Plans: - Will deliver Production Representative Engineering Design Models (PREDMS) and complete year 3 of the 3- year development contract. FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to peak development and testing efforts.			
Title: Classified Data at Rest (CDAR) Description: Classified Date at Rest (CDAR) will provide the capability to render stored classified data ("at rest") unusable to adversaries if data storage is captured or compromised, eliminating policy compliance shortfalls via a small family of solutions made up of the KSV-270 Single-channel Inline Media Encryptor and KSV-271 Multi-channel Inline Media Encryptor. The development of CDAR is a set of NSA approved modernized cryptographic solution(s) for use in 45 Air Force platforms/systems exposed to hostile/uncontrolled environments. The enterprise cryptographic solution will encrypt/decrypt Top Secret and Below (TSAB) data at rest residing in a wide variety of data storage environments. KSV-271 will use FY26 funds to meet Security Evaluation Requirements Document 2.0 (SERD 2.0) requirements as mandated by the NSA. If not funded to implement these mandates, existing contractual work will not be certified by NSA, ultimately delaying the fielding of the Multi-channel CDAR (MCCDAR) solution to AF users that do not currently protect data at rest. FY 2025 Plans: KSV-270 Single-channel Inline Media Encryptor - Deliver Production Representative Engineering Design Models and complete three-year development effort. - Complete NSA High Assurance Certified design. - Deliver final Digital Engineering Models/Artifacts. KSV-271 Multi-channel Inline Media Encryptor - Complete year two of the three year planned development effort. - Implement SERD 2.0 requirements as mandated by NSA. If not funded to implement these mandates, existing contractual work will not be certified, ultimately delaying the fielding of the MCCDAR solution to AF users that do not currently protect data at rest. - Received initial Digital Engineering Models/Artifacts. FY 2026 Plans: KSV-270 Single-channel Inline Media Encryptor - Will transition from Engineering and Manufacturing Development (EMD) to production		0.000	15.209
			10.733

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
KSV-271 Multi-channel Inline Media Encryptor - Will continue to execute SERD 2.0 requirements and meet development milestones - Receive digital engineering models/artifacts FY 2025 to FY 2026 Increase/Decrease Statement: Decrease due to completion of KSV-270 Single-channel Inline Media Encryptor development effort and transition to production phase. KSV-271 Multi-channel Inline Media Encryptor effort continues to expend development funding through FY28.			
Title: Identification Friend or Foe (IFF) Mode 5 Description: Modernization of the IFF Mode 5 devices enables the warfighter to engage and accurately identify friendly or enemy forces as friend or foe. It prevents fratricide during target engagements and provides authentication and encryption/decryption services. The modernized devices will be quantum resilient and prevent enemy disruption of IFF functions. They will enhance the needed security for interrogations and response. These encryption devices operate within military aircraft, fixed, and transportable ground stations when connected to an interrogator and/or transponder. The IFF Mode 5 crypto modules KIV-77 and KIV-78 requires permanent modification. Alternative solutions shall be considered and not impact the existing form, fit, and function and shall follow NSA guidance for certification. The modification of these devices is required to address quantum threats (CM2), producibility and algorithm reprogrammability mandated by NSA and the 2019 Chairman of the Joint Chiefs of Staff Notice (CJCSN) 6510. FY 2025 Plans: IFF Mode 5 device KIV-78A - Complete the development, testing, and delivery of Production Representative Engineering Design Models (PREDMS) for the IFF Mode 5 device that addresses the quantum threats, produce-ability and algorithm re-programmability in support of the CM2 Initial Capabilities Document (ICD) dated Jul 2021. IFF Mode 5 device KIV-77 - Execute formal testing, evaluation, and development requirements to meet NSA quantum resilient, CM2 capabilities for 30+ platforms currently utilizing the IFF Mode 5 (KIV-77) end cryptographic unit to protect against emerging threats and provide authentication and encryption/decryption services to IFF Mode 5 host equipment in support of the CM2 ICD dated Jul 2021. FY 2026 Plans: IFF Mode 5 device KIV-78A - Completion of Engineering & Manufacturing Development (EMD) effort, continue transition into production phase		0.000	8.723
			5.588

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
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B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
IFF Mode 5 device KIV-77 - Will complete the formal testing, evaluation, and development requirements to meet NSA quantum resilient, CM2 capabilities for 30+ platforms currently utilizing the IFF Mode 5 (KIV-77) end cryptographic unit to protect against emerging threats and provide authentication and encryption/decryption services to IFF Mode 5 host equipment in support of the CM2 ICD dated Jul 2021. FY 2025 to FY 2026 Increase/Decrease Statement: Decrease due to completion of development effort, moving into production phase					
Title: KG-3XA (Nuclear Command, Control, and Communications (NC3) Very Low Frequency (VLF) Capability) Description: KG-3XA 1067 modification will provide a transmit and receive quantum resilient compliant NSA approved cryptographic solution for the Very Low Frequency (VLF) Enterprise (KGV-363) and modernize legacy KG-3X cryptographic device (KG-333) to support Nuclear Command, Control, and Communications Center (NC3) missions. The KG-3XA development effort will deliver form, fit function cryptographic capabilities employed in air and group equipment to securely process emergency action messages. KGV-363 will use FY26 funds to meet Support Equipment Recommendation Data 2.0 (SERD 2.0) requirements as mandated by the NSA. If not funded to implement these mandates, existing contractual work will not be certified by the National Security Agency ultimately delaying the fielding of the QR upgrade for the VLF community. FY 2025 Plans: KGV-363 - Complete year four of five-year development contract - Complete Critical Design Review (CDR) - Implement SERD 2.0 requirements as mandated by NSA or risk costly follow-on ECPs if not able to implement now. KG-333 - Award Engineering and Manufacturing Development (EMD) contract for modernization development in Quarter 4 FY 2026 Plans: KGV-363 - Will continue to execute development effort to meet SERD 2.0 requirements, required for NSA certification - Will ramp down development contract with an estimated completion in Quarter 4 - Complete Technical Readiness Review (TRR) and Production Readiness Review - Finalize formal testing and evaluation and prepare to deliver an NSA certified device - Deliver Production Representative Engineering Design Models (PREDMS) KG-333			9.575	10.844	23.310

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program			Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
- Will execute Engineering and Manufacturing Development (EMD) contract for modernization development - Complete year two of four-year development contract - Complete System Requirements Review (SRR) and System Functional Review (SFR) - Complete Preliminary Design Review (PDR) FY 2025 to FY 2026 Increase/Decrease Statement: - Increase due to KG-3XA NC3 VLF contract award to modernize legacy KG-3X cryptographic device KG-333(M)											
Title: Space COMSEC / Space Modular Common Crypto (SMCC) Description: Implements CM2 across space enterprise devices including Space Ground Operating Equipment (GOE) and orbital Aerospace Vehicle Equipment (AVE) supporting satellites of all sizes. These Space CM2 efforts will also increase the performance envelope for space crypto to support the emerging growth of space-based communications by increasing data throughput and number of channels supported per device. KG-210 GOE will use FY26 funds to meet Security Evaluation Requirements Document 2.0 (SERD 2.0) requirements as mandated by NSA. If not funded to implement these mandates, existing contractual work will not be certified by the NSA, ultimately delaying the fielding of the QR upgrade for the Space COMSEC community. FY 2025 Plans: - Developing the KG-210 GOE combining space and terrestrial communications capabilities into single device to seamlessly connect the space and terrestrial networks at all space operations centers FY 2026 Plans: - Will continue with the development of the KG-210 GOE combining space and terrestrial communications capabilities into single device to seamlessly connect the space and terrestrial networks at all space operations centers FY 2025 to FY 2026 Increase/Decrease Statement: - Increase due to program ramping up into testing.							0.000	13.357	14.026		
Accomplishments/Planned Programs Subtotals							32.397	94.424	98.414		
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
• OPAF 03 831010: Comsec Equipment	101.828	63.233	169.363	-	169.363	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program	Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)
D. Acquisition Strategy Implement Air Force portion of the DoD's Cryptographic Modernization 2 (CM2) Initiative through modernization/modification efforts, in varying stages of the acquisition cycle, with focus on minimizing life cycle costs. The Cryptographic Modernization portfolio of component acquisition projects is executing using a variety of approaches that vary from an evolutionary acquisition strategy using spiral development (for new component development) to incremental improvement leveraging leading-edge, certified non-developmental items (for modernization). Contract type is selected for each of the individual projects based upon its acquisition approach and its unique technology risks. A mixture of fixed-price and cost-reimbursement contracts have been selected which maximize the best value for the Government.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program				Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Development (TD)	Various	MULTIPLE : MULTIPLE	-	12.351	Jan 2024	7.370	Jan 2025	3.682	Jan 2026	-		3.682	-	-	-
IFF Mode 5	Various	MULTIPLE : MULTIPLE	-	-		5.371	Feb 2025	4.191	Nov 2025	-		4.191	-	-	-
Space COMSEC/SMCC	Various	MULTIPLE : MULTIPLE	-	-		13.357	Feb 2025	14.026	Feb 2026	-		14.026	-	-	-
Information Assurance (IA) Support	Various	MULTIPLE : MULTIPLE	-	-		4.040	Nov 2024	4.216	Nov 2025	-		4.216	-	-	-
CDAR	Various	MULTIPLE : MULTIPLE	-	20.046	Feb 2024	11.407	Feb 2025	8.050	Feb 2026	-		8.050	-	-	-
Crypto Enterprise Management	Various	MULTIPLE : MULTIPLE	-	-		8.836	Nov 2024	9.542	Nov 2025	-		9.542	-	-	-
KG-3XA	Various	MULTIPLE : MULTIPLE	-	-		8.133	Nov 2024	17.208	Nov 2025	-		17.208	-	-	-
Remote Rekey Next Gen (Black Arrow)	Various	MULTIPLE : MULTIPLE	-	-		15.482	Nov 2024	17.181	Nov 2025	-		17.181	-	-	-
Subtotal			-	32.397		73.996		78.096		-		78.096	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IFF Mode 5	Various	Various : Various	-	-		3.352	Jan 2025	1.397	Jan 2026	-		1.397	-	-	-
Subtotal			-	-		3.352		1.397		-		1.397	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs (PSC)	Various	Various : Various : TBD	-	-		17.076	Dec 2024	18.921	Dec 2025	-		18.921	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program				Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		17.076		18.921		-		18.921	-	-	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			-	32.397		94.424		98.414		-		98.414	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0303140F / Information Systems Security Program					675200 / Cryptographic Modernization 2 (CM2)			

	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
Cryptographic Modernization 2 (CM2)																												
Technology Development																												
IFF Mode 5																												
Algorithm Transition Compliance and Support																												
Space COMSEC/SMCC																												
CDAR																												
Crypto Enterprise Management																												
KG-3XA																												
Remote Rekey Next Gen (Black Arrow)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303140F / Information Systems Security Program	Project (Number/Name) 675200 / Cryptographic Modernization 2 (CM2)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Cryptographic Modernization 2 (CM2)				
Technology Development	1	2024	4	2030
IFF Mode 5	1	2025	4	2026
Algorithm Transition Compliance and Support	1	2025	4	2030
Space COMSEC/SMCC	1	2025	4	2030
CDAR	1	2024	4	2027
Crypto Enterprise Management	1	2025	4	2030
KG-3XA	1	2025	4	2026
Remote Rekey Next Gen (Black Arrow)	1	2024	4	2025

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	PE 0303248F / All Domain Common Platform											
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	0.000	69.565	82.927	76.642	0.000	76.642	-	-	-	-	-	-
673248: <i>Air Force Command and Control (C2) Comm</i>	0.000	69.565	82.927	76.642	0.000	76.642	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This budget line funds the All Domain Common Platform (ADCP), an extensible cloud-based Infrastructure and Platform as a Service (IaaS/PaaS) hosting medium built to deliver highly resilient Command and Control (C2) mission applications and data to Airmen deployed around the world. The ADCP is a warfighting capability that enables on-boarded users to build, deploy, and monitor mission applications to the end state of production. Having applications operational in various environments ensures data is accessible as it is needed across United States Air Force (USAF) mission sets. The ADCP's collection of technologies, services, and tooling enables warfighter outcomes by abstracting away technical complexity and enabling the deployment of products onto its infrastructure.

Efforts within this PE align with USAF investment in Mission Planning Systems (PE 0208006F), Air Operations Center (0207410F), C2IMERA (0305015F/0305836F) and ABMS (0604003F) to deliver the Theater Air Planning System of Systems (TAP-SoS) architecture for the DAF BATTLE NETWORK.

The FY 2026 request was reduced by -\$1.869 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."

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 13.074 million was expended for civilian pay expenses in this program element, and in FY 2025 16.800 million is forecast for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0303248F I All Domain Common Platform			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	71.296	82.927	87.575	0.000	87.575
Current President's Budget	69.565	82.927	76.642	0.000	76.642
Total Adjustments	-1.731	0.000	-10.933	0.000	-10.933
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-1.731	0.000			
• Other Adjustments	0.000	0.000	-10.933	0.000	-10.933
Change Summary Explanation					
\$9.064 million of FY 2026 funding realigned to other DAF BATTLE NETWORK programs to maintain synchronized delivery schedules. Remaining decrease associated with reduced contracts for Advisory and Assistance Services aligned with EO 14222.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303248F / All Domain Common Platform				Project (Number/Name) 673248 / Air Force Command and Control (C2) Comm			
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
673248: Air Force Command and Control (C2) Comm	0.000	69.565	82.927	76.642	0.000	76.642	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
ADCP uses Agile methodologies and Development, Security, and Operations (DevSecOps) practices to deliver improved capabilities at scale in support of mission requirements. Platform customers include the Air Operations Center (AOC), Intelligence Programs, the 309th Software Engineering Group, the 350th Spectrum Warfare Group, and others. ADCP is USAF's contributing platform to the DAF Battle Network and Joint All-Domain Command and Control (JADC2), meeting system resiliency requirements through the escalating phases of warfare.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: ADCP Development									69.565	82.927	76.642	
Description: ADCP is an evolving, delivered and managed product distributed to customers ensuring the requisite tools and services needed to securely build, deploy and sustain successful C2 mission applications. Funding directly supports the design, development, testing and evaluation, engineering, and the product/program management to build functionality and scalability of the platform and underlying infrastructure. In addition, it supports security/cybersecurity efforts required to obtain and maintain ADCP's continuous authority to operate (cATO). To speed product development, funding supports enablement services, data science, data engineering, data modeling/governance, and process automation. Funding also supports network and platform architecture development and prototyping to increase platform, communications, and network efficiency and capabilities. Lastly, funding supports implementation of Information Technology Service Management (ITSM) tools, technologies, and processes to ensure that ADCP services are delivered efficiently and effectively.												
FY 2025 Plans:												
- Continue to support continuous integration and continuous deployment (CI/CD) pipelines operating in cloud-native environments												
- Initiate extension of ADCP platform as a service (PaaS) to cloud-connected edge environments												
- Continue transition of containerized C2 applications to the production-ready open-source system												
- Increase enhanced security observability tooling in support of application customers and platform services via a Security Operations Center												
- Continue automation for monitoring and tracking services for application customer usage												
- Continue to improve C2 mission application reliability and decrease lead time for new capability delivery												
- Optimize implementation of commercially managed platform and infrastructure services on available public cloud service provider offerings												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0303248F / All Domain Common Platform			Project (Number/Name) 673248 / Air Force Command and Control (C2) Comm				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
- Increase cloud-hosted self-monitoring access for C2 mission application development teams to manage path to production - Improve data management and sharing through establishment of enterprise data governance FY 2026 Plans: - Will continue to support CI/CD pipelines operating in cloud-native environments - Will continue the extension of ADCP PaaS to cloud-connected edge environments - Will continue transition of containerized C2 applications to the production-ready open-source system - Will continue to increase enhanced security observability tooling in support of application customers and platform services via a Security Operations Center - Will continue iterative delivery of automation for monitoring and tracking services for application customer usage - Will continue to improve C2 mission application reliability and decrease lead time for new capability delivery - Will continue to optimize implementation of commercially managed platform and infrastructure services on available public cloud service provider offerings and provide architectural/engineering support to ongoing managed platform operations - Will Integrate ADCP with DAF BATTLE NETWORK (DBN) and Theater Air Planning System of Systems (TAP-SoS) - Will support cloud-hosted self-monitoring access for C2 mission application development teams to manage path to production - Will improve data management and sharing through iterative improvements to enterprise data governance - Will improve access and availability of unique internal-facing IT products and services to best enable program execution FY 2025 to FY 2026 Increase/Decrease Statement: Decrease due to deprecation of legacy platform and migration of containerized command and control (C2) applications to the production-ready open-source system.											
Accomplishments/Planned Programs Subtotals							69.565	82.927	76.642		
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
• OPAF 03 833140: Strategic Command And Control	9.991	5.431	1.855	-	1.855	-	-	-	-	-	-
• OPAF 03 834530: Air & Space Operations Center (AOC)	0.963	0.511	0.523	-	0.523	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303248F / All Domain Common Platform	Project (Number/Name) 673248 / Air Force Command and Control (C2) Comm
D. Acquisition Strategy The All Domain Common Platform (ADCP) program is operating under the authority of the FY 2020 NDAA, Section 800, Software Acquisition Pathway (SWP). ADCP leverages a modular contracting strategy that focuses on evolving needs, continuous market research, and streamlined solicitation procedures. ADCP utilizes both small and large business contracts for specialized services, enabling the ADCP program to adopt commercial best practices for software development and to continue scaling of the modern IaaS/PaaS solution. Activities are also accomplished via Military Interdepartmental Purchase Requests (MIPR). Additionally, significant technical expertise will be obtained via other Government Agencies, DoD Laboratories, Federally Funded Research and Development Centers (FFRDC), Academia, and Engineering & Professional Acquisition Support Services contractors as well as commercial industry partners. Program management for the ADCP program is under direction of Program Executive Office (PEO) for Command, Control, Communications, and Battle Management (C3BM), located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA is the contracting authority for the ADCP program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0303248F / All Domain Common Platform				Project (Number/Name) 673248 / Air Force Command and Control (C2) Comm					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ADCP Development	Various	Various : TBD	-	43.084	Apr 2024	50.654	Dec 2024	43.051	Oct 2025	-		43.051	-	-	-
ADCP Data Services	C/FFP	Various : TBD	-	3.547	Apr 2024	3.765	Apr 2025	4.408	Oct 2025	-		4.408	-	-	-
Subtotal			-	46.631		54.419		47.459		-		47.459	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ADCP Direct Mission Support	C/CPAF	Various : TBD	-	1.906	Oct 2023	1.182	Oct 2024	0.899	Oct 2025	-		0.899	-	-	-
ADCP Civilian Direct Cite Authority for Product Development	C/CPAF	Not specified. : TBD	-	12.904	Oct 2023	17.225	Oct 2024	15.747	Oct 2025	-		15.747	-	-	-
Subtotal			-	14.810		18.407		16.646		-		16.646	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ADCP Development	TBD	Not specified. : TBD	-	0.170	Dec 2023	0.175	Dec 2024	0.213	Nov 2025	-		0.213	-	-	-
Subtotal			-	0.170		0.175		0.213		-		0.213	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ADCP Engineering Services	Various	Various : TBD	-	1.712	Oct 2023	2.132	Oct 2024	2.620	Oct 2025	-		2.620	-	-	-
ADCP Program Support	C/Various	Various : TBD	-	6.242	Nov 2023	7.794	Nov 2024	9.704	Oct 2025	-		9.704	-	-	-
Subtotal			-	7.954		9.926		12.324		-		12.324	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303248F / All Domain Common Platform				Project (Number/Name) 673248 / Air Force Command and Control (C2) Comm				
	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	-	69.565		82.927		76.642		-		76.642	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0303248F / All Domain Common Platform					673248 / Air Force Command and Control (C2) Comm			

	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
Air Force Command and Control (C2) Common Platform																												
Continuous ADCP Deliveries																												
Implement and Manage Enterprise Services																												
Stabilize Legacy Platform																												
Develop Weapons Grade Platform																												
Move Hosted Applications to the Cloud																												
Migrate KR Applications to Managed Platform																												
Develop Cloud-Connected Edge Solutions																												
DAF Battle Network Integration																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303248F / All Domain Common Platform	Project (Number/Name) 673248 / Air Force Command and Control (C2) Comm	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Air Force Command and Control (C2) Common Platform				
Continuous ADCP Deliveries	1	2024	4	2030
Implement and Manage Enterprise Services	1	2024	4	2030
Stabilize Legacy Platform	1	2024	4	2025
Develop Weapons Grade Platform	1	2024	3	2024
Move Hosted Applications to the Cloud	1	2024	1	2026
Migrate KR Applications to Managed Platform	1	2024	4	2026
Develop Cloud-Connected Edge Solutions	1	2024	4	2030
DAF Battle Network Integration	1	2024	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0303260F <i>I Joint Military Deception Initiative</i>

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	0.000	4.510	7.324	0.356	0.000	0.356	-	-	-	-	-	-
674550: <i>Air Base Resiliency</i>	0.000	4.510	7.324	0.356	0.000	0.356	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Air Base Resiliency information remain classified and will be provided in the appropriate forum on a need-to-know basis.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898, 0606398F. In FY 2024 \$0 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0 million is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>
Previous President's Budget	4.682	7.324	7.881	0.000	7.881
Current President's Budget	4.510	7.324	0.356	0.000	0.356
Total Adjustments	-0.172	0.000	-7.525	0.000	-7.525
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.172	0.000			
• Other Adjustments	0.000	0.000	-7.525	0.000	-7.525

C. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
<i>Title:</i> Air Base Resiliency	4.510	7.324	0.356
<i>Description:</i> Detailed information on Air Base Resiliency remains classified and will be provided upon request.			

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0303260F I Joint Military Deception Initiative		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
FY 2025 Plans: Detailed information on Air Base Resiliency remains classified and will be provided upon request.				
FY 2026 Plans: Detailed information on Air Base Resiliency remains classified and will be provided upon request.				
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to completion of current Air Base Resiliency efforts.				
Accomplishments/Planned Programs Subtotals		4.510	7.324	0.356
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks Detailed information on Air Base Resiliency remains classified and will be provided upon request.				
E. Acquisition Strategy Strategy is still being assessed.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity						R-1 Program Element (Number/Name)						Project (Number/Name)					
3600 / 7						PE 0303260F / Joint Military Deception Initiative						674550 / Air Base Resiliency					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
ERDC	TBD	Various : TBD	-	1.595	Aug 2024	0.000	Apr 2025	-		-		-	-	-	-		
Strategic Asset Procurement	MIPR	Various : TBD	-	0.496	Sep 2024	6.324	Jul 2025	-		-		-	-	-	-		
Oak Ridge Lab	MIPR	Various : TBD	-	1.500	Sep 2024	-		-		-		-	-	-	-		
Subtotal			-	3.591		6.324		-		-		-	-	-	N/A		
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Shipping & Storage	TBD	Not specified. : TBD	-	-		-		0.155	Jul 2026	-		0.155	-	-	-		
Subtotal			-	-		-		0.155		-		0.155	-	-	N/A		
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Program Management Administration (PMA)	MIPR	MTSI : Dayton, WPAFB, OH	-	0.919	Mar 2024	1.000	Sep 2025	0.201	Jul 2026	-		0.201	-	-	-		
Subtotal			-	0.919		1.000		0.201		-		0.201	-	-	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			-	4.510		7.324		0.356		-		0.356	-	-	N/A		
Remarks																	
Air Base Resiliency information remain classified and will be provided in the appropriate forum on a need-to-know basis.																	

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0303260F / Joint Military Deception Initiative					Project (Number/Name) 674550 / Air Base Resiliency	

	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
Air Base Resiliency																												
Classified																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303260F / Joint Military Deception Initiative	Project (Number/Name) 674550 / Air Base Resiliency

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Air Base Resiliency				
Classified	1	2024	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0304100F / <i>Strategic Mission Planning & Execution System (SMPES)</i>

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	0.000	62.807	69.441	75.164	0.000	75.164	-	-	-	-	-	-
674212: <i>NLCC Decision Support System</i>	0.000	9.359	11.933	11.654	0.000	11.654	-	-	-	-	-	-
675029: <i>Strategic Mission Planning & Execution System</i>	0.000	53.448	57.508	63.510	0.000	63.510	-	-	-	-	-	-

Note

In FY2024, the following efforts were transferred to PE 0304100F, Strategic Mission Planning and Execution System (SMPES): PE 0101324F, Integrated Strategic Planning & Analysis Network (ISPAN) and PE 0301112F, Nuclear Planning & Execution System (NPES) / National Leadership Command Capability (NLCC) Decision Support Service (DSS).

A. Mission Description and Budget Item Justification

This budget line funds the SMPES PE. Legacy PEs 0101324F ISPAN and 0301112F NPES and NLCC DSS have been consolidated into one SMPES PE 0304100F. The SMPES PE is comprised of two Budget, Program, and Activity Codes (BPAC): the SMPES software acquisition program and the NLCC DSS software acquisition program.

SMPES is an integrated enterprise solution software system providing the U.S. Air Force (USAF) and U.S. strategic nuclear forces' principal nuclear planning and analysis tools; including tools for consequence analysis and deliberate, adaptive, and crisis action planning for strategic deterrence.

SMPES consolidates the following six independently managed programs into one system: 1) Mission Planning and Analysis System (MPAS); 2) Global Adaptive Planning Collaborative Information Environment (GAP-CIE); 3) NLCC DSS - Nuclear Command and Control (NC2) Conference Module; 4) NPES Recapitalization (NPES Recap); 5) Force Status Readiness (FSR); and 6) Force Survivability Analysis and Management (FSAM).

MPAS provides comprehensive global strike, coordinated space and missile defense, and information operations capabilities to meet strategic deterrent and national security objectives. MPAS consists of multiple sub-applications, working together to provide senior leaders with a strategic planning capability to U.S. Strategic Command (USSTRATCOM) leadership and war planners. MPAS software is utilized to develop Joint Staff Level I - IV nuclear and conventional attack options for national and theater requirements, by conducting continuous agile software development for classified and unclassified networks. Located at USSTRATCOM, MPAS supports the Unified Command Plan and Nuclear Posture Review.

GAP-CIE is a web-based, collaborative, joint operation planning (JOP) application that enables combatant commanders and strategic leaders to rapidly coordinate on course of action development. The GAP-CIE planning environment provides deliberative planning, crisis action planning, decision support tools, and the Global Situational Awareness Tool (GSAT) supporting combatant commanders' visualization of geospatial, temporal, and relational planning data.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0304100F I Strategic Mission Planning & Execution System (SMPES)				
NLCC DSS develops and delivers software to directly support strategic leaders in time critical national events. NLCC DSS will improve situational awareness of threats to the U.S. and its Allies, aggregate strategic-level information, and provide response options in a common, resilient, and mobile visual display capability.						
Nuclear Planning and Execution System Recapitalization (NPES Recap) develops software to facilitate Nuclear Command and Control (NC2) adaptive planning and execution at fixed and mobile sites in real time. NPES Recap provides communication interfaces with software development, data management, software re-engineering, and operations to include requirements validation and training.						
Force Status Readiness (FSR) provides decision-makers and planners with real-time status of U.S. nuclear forces and stores information related to the U.S. Strategic Command (USSTRATCOM) NC2 mission enabling combatant commanders the ability to monitor the status of forces to include missiles, aircraft, submarines, and key personnel.						
Force Survivability Analysis and Management (FSAM) enables the Warning System Controller (WSC) to monitor the status of all USSTRATCOM assigned forces to include but not limited to: 1) tracking the location of hostile threat aircraft and missile systems; 2) processing and displaying potential U.S. force vulnerabilities; and 3) providing force management/force survival (FM/FS) analysis tools to USSTRATCOM senior leaders.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon systems capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in PE 0605833F.						
The FY2026 request was reduced by \$0.073 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."						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		64.944	69.441	70.937	0.000	70.937
Current President's Budget		62.807	69.441	75.164	0.000	75.164
Total Adjustments		-2.137	0.000	4.227	0.000	4.227
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-2.137	0.000			
• Other Adjustments		0.000	0.000	4.227	0.000	4.227

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0304100F I Strategic Mission Planning & Execution System (SMPES)
<u>Change Summary Explanation</u> FY2026: (+\$4.227 million) to support Special Access Program (SAP) Mission Planning and Distribution System (SMPDS) software and hardware requirements to fully enable SAP weapon system planning, analyzation, and integration procedures for Operational Planning.		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)				Project (Number/Name) 674212 / NLCC Decision Support 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
674212: NLCC Decision Support System	0.000	9.359	11.933	11.654	0.000	11.654	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This budget line funds the National Leadership Command Capability (NLCC) Decision Support Service (DSS). NLCC DSS will develop and deliver software to directly support strategic leaders in time critical national events. NLCC DSS will improve situational awareness of threats to the U.S. and its Allies, aggregate strategic-level information, and provide response options in a common, resilient, and mobile visual display capability.

NLCC DSS is developing conference modules that will directly support senior leaders with a common visual display to enhance national-level situational awareness and strategic-level decision making. The program includes the Nuclear Command and Control (NC2) Conference Module that will be integrated into the Strategic Mission Planning and Execution System (SMPES) enterprise architecture as well as at least two additional follow-on conference modules to support other mission areas and Combatant Commands. These additional conference modules are not expected to be a part of the SMPES enterprise architecture.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: National Leadership Command Capability Decision Support Service (NLCC DSS) - Conference Module Development	9.359	11.933	11.654
Description: Funds will be used for the development, integration, and test activities of NLCC DSS conference modules			
FY 2025 Plans: Activities include, but are not limited to the following: - Continue development activities for Nuclear Command and Control (NC2) Conference Module - Begin development on the first of the two additional conference modules in support of additional mission areas and Combatant Commands - Begin requirements refinement for the second of the two additional conference modules			
FY 2026 Plans: Activities will include, but are not limited to the following: - Continue development activities of the first of the two additional conference modules - Continue requirement refinement and begin development of the second of the two additional conference modules - Continue development for NC2 conference module as required for operator or cybersecurity requirements			
FY 2025 to FY 2026 Increase/Decrease Statement:			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304100F / <i>Strategic Mission Planning & Execution System (SMPES)</i>	Project (Number/Name) 674212 / <i>NLCC Decision Support System</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
Not Applicable			
Accomplishments/Planned Programs Subtotals		9.359	11.933
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
National Leadership Command Capability (NLCC) Decision Support Service (DSS) has implemented the Agile DevSecOps, Continuous Integration/Continuous Delivery (CI/CD) acquisition strategy with development contracts that are negotiated and awarded in a competitive environment. NLCC DSS will consider the best contract options to implement the Agile DevSecOps, CI/CD strategy. Other activities are accomplished using various contracting vehicles, such as Military Interdepartmental Purchase Requests (MIPRs). Program management for NLCC DSS is under the direction of Program Executive Officer (PEO) Nuclear Command, Control, and Communications (NC3), located at Hanscom AFB, MA. The Air Force Nuclear Weapons Center (AFNWC) located at Hanscom AFB, MA and the 55th Contracting Squadron at Offutt AFB, NE are the contracting authorities for the NLCC DSS program. AFNWC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)						Project (Number/Name) 674212 / NLCC Decision Support System			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Visualization Development	C/CPIF	Various : Bellevue, Offutt AFB, NE	-	6.745	Jan 2024	8.456	Jan 2025	8.420	Jan 2026	-		8.420	-	-	-
Subtotal			-	6.745		8.456		8.420		-		8.420	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DevOps Support	C/FFP	John Hopkins Univ/ Various : Bellevue, Offutt AFB, NE	-	0.834	Jan 2024	0.852	Jan 2025	0.612	Jan 2026	-		0.612	-	-	-
IT Support	C/CPAF	Various : Bellevue, Offutt AFB, NE	-	0.120	Jun 2024	0.623	Jun 2025	0.620	Jan 2026	-		0.620	-	-	-
Engineering Support	SS/FFP	MITRE : Bellevue, Offutt AFB, NE	-	0.679	Nov 2023	1.000	Nov 2024	1.000	Nov 2025	-		1.000	-	-	-
Subtotal			-	1.633		2.475		2.232		-		2.232	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Ops Support	C/CPIF	Various : Bellevue, Offutt AFB, NE	-	0.981	Feb 2024	1.002	Feb 2025	1.002	Feb 2026	-		1.002	-	-	-
Subtotal			-	0.981		1.002		1.002		-		1.002	-	-	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			-	9.359		11.933		11.654		-		11.654	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)										Project (Number/Name) 674212 / NLCC Decision Support System									

	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
NC2 Conference Module																												
NC2 Conference module is being developed for SMPES to support the NC2 mission area. Note: Project started 3rd Qtr FY22																												
Additional Conference Module 2																												
Conference module development to support senior leader conferences																												
Additional Conference Module 3																												
Conference module development to support senior leader conferences																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)	Project (Number/Name) 674212 / NLCC Decision Support System

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
NC2 Conference Module				
NC2 Conference module is being developed for SMPES to support the NC2 mission area. Note: Project started 3rd Qtr FY22	1	2024	4	2030
Additional Conference Module 2				
Conference module development to support senior leader conferences	1	2025	4	2030
Additional Conference Module 3				
Conference module development to support senior leader conferences	1	2025	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)				Project (Number/Name) 675029 / Strategic Mission Planning & Execution 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
675029: Strategic Mission Planning & Execution System	0.000	53.448	57.508	63.510	0.000	63.510	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Strategic Mission Planning and Execution System (SMPES) will be the U.S. Air Force (USAF) and U.S. strategic nuclear forces' principal nuclear planning and analysis tool for accessing consequence analysis information and strategic deterrence. SMPES consolidates the following six independently managed programs into one system: 1) Mission Planning and Analysis System (MPAS); 2) Global Adaptive Planning Collaborative Information Environment (GAP-CIE); 3) Decision Support Service (DSS) - Nuclear Command and Control (NC2) Conference Module; 4) Nuclear Planning and Execution System Recapitalization (NPES Recap); 5) Force Status Readiness (FSR); and 6) Force Survivability Analysis and Management (FSAM).												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: Strategic Mission Planning and Execution System (SMPES)									53.448	57.508	63.510	
Description: Funds will be used for the development, integration, test, and fielding activities of nuclear command, control, and communications (NC3) enterprise solutions												
FY 2025 Plans: Activities include, but are not limited to the following: - Build out the Minimum Viable Product (MVP) 1 capability to a fully operational Minimum Viable Capability Release - Utilize the results of FY2024 artificial intelligence (AI) based software refactoring to implement a program wide refactoring initiative - Continue to field capabilities to enhance software architecture and utilize software acquisition pathway enhancement through field-able containerized services - Begin work to implement Zero Trust in preparation for the FY2027 deadline - Conduct continuous integrated government Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E) to verify and validate performance and cybersecurity posture												
FY 2026 Plans: Continuing activities will include, but are not limited to the following: - Build out MVCR 1 capability to incorporate additional weapon types - Continue implementation of Zero Trust in preparation for the FY2027 deadline - Continue to enhance automated deployments in order to enable continuous delivery to sites with minimal system administrator personnel												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0304100F / <i>Strategic Mission Planning & Execution System (SMPES)</i>			Project (Number/Name) 675029 / <i>Strategic Mission Planning & Execution System</i>				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
- Implement automated training capabilities within the system - Enhance evolving cybersecurity and continue the recurring lifecycle procurement and tech refreshes of commercial based hardware and software components - Support Special Access Program (SAP) Mission Planning and Distribution System (SMPDS) software and hardware requirements to fully enable SAP weapon system planning, analyzation, and integration procedures for Operational Planning											
<i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> The increase of \$4.983 million to support SMPDS software and hardware requirements to fully enable SAP weapon system planning, analyzation and integration procedures for Operational Planning. The increase of \$1.019 million for inflation.											
Accomplishments/Planned Programs Subtotals							53.448	57.508	63.510		
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
• OPAF 03 833570: <i>Strategic Mission Planning & Execution System</i>	3.861	7.376	6.383	-	6.383	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
The Strategic Mission Planning and Execution System (SMPES) program will implement Agile DevSecOps Continuous Integration/Continuous Delivery (CI/CD) to develop and modernize software for combatant commanders; producing a secure software development environment located in existing space at Offutt AFB, NE. Software development environment will meet classification/security regulations/criteria, which will promote competition. The program will consider the best contract options to implement the Agile DevSecOps CI/CD strategy. Other activities are also accomplished through the use of various contracting vehicles such as Military Interdepartmental Purchase Requests (MIPRs). The acquisition strategy builds agile software engineering solutions and modification of existing capabilities using an evolutionary acquisition approach to standardize SMPES. SMPES will leverage commercial best practices of Agile DevSecOps to integrate 6 services into a system of services construct. SMPES operates under the authority of Department of Defense Instruction (DoDI) 5000.87, Software Acquisition Pathway (SWP). SMPES will leverage both small and large business contracts for application and system services.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304100F / <i>Strategic Mission Planning & Execution System (SMPES)</i>	Project (Number/Name) 675029 / <i>Strategic Mission Planning & Execution System</i>
Program management for SMPES is under the direction of Program Executive Officer (PEO) Air Force Nuclear Weapons Center (AFNWC), located at Hanscom AFB, MA. AFNWC and the 55th Contracting Squadron at Offutt AFB, NE are the contracting authorities for the SMPES program. AFNWC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)				Project (Number/Name) 675029 / Strategic Mission Planning & Execution System					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Development - NPES, Targeting, Missiles	C/CPAF	Northrop Grumman : Bellevue, Offutt AFB, NE	-	15.140	Dec 2023	20.029	Dec 2024	20.630	Dec 2025	-		20.630	-	-	-
Primary Development - Air Vehicle & Quality Review-Mission Planning & Analysis Common Service (QR MPACS)	C/CPAF	Leidos : Bellevue, Offutt AFB, NE	-	8.124	Nov 2023	7.260	Dec 2024	7.478	Dec 2025	-		7.478	-	-	-
Primary Development - Global Strike & Intell	C/CPAF	Lockheed Martin : Bellevue, Offutt AFB, NE	-	2.456	Feb 2024	3.700	Dec 2024	3.811	Dec 2025	-		3.811	-	-	-
Rouge Blue Software	C/CPAF	Various : Various, NE	-	5.416	Nov 2023	5.523	Dec 2024	5.689	Dec 2025	-		5.689	-	-	-
GAP-CIE Development	C/CPAF	Northrop Grumman : Bellevue, Offutt AFB, NE	-	-		2.000	Jan 2025	2.060	Jan 2026	-		2.060	-	-	-
Database Development and Integration	C/CPAF	Various : Various, NE	-	-		0.611	Jan 2025	0.629	Jan 2026	-		0.629	-	-	-
Johns Hopkins / National Strategic Research Institute	C/CPAF	Various : Various, NE	-	-		0.743	Jan 2025	0.765	Jan 2026	-		0.765	-	-	-
Subtotal			-	31.136		39.866		41.062		-		41.062	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DevOps Support	C/FP	Various : Bellevue, Offutt AFB, NE	-	6.882	Jan 2024	4.190	Jan 2025	9.118	Jan 2026	-		9.118	-	-	-
Technical Engineering Services	C/FFP	Various : Bellevue, Offutt AFB, NE	-	1.489	Feb 2024	1.970	Feb 2025	1.576	Feb 2026	-		1.576	-	-	-
Engineering Support	C/CPAF	Various : Bellevue, Offutt AFB, NE	-	8.315	Feb 2024	7.549	Feb 2025	7.702	Feb 2026	-		7.702	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)				Project (Number/Name) 675029 / Strategic Mission Planning & Execution System					
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	16.686		13.709		18.396		-		18.396	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Support	SS/TBD	Various : Bellevue, Offutt AFB, NE	-	0.086	Feb 2024	0.912	Feb 2025	0.939	Feb 2026	-		0.939	-	-	-
Subtotal			-	0.086		0.912		0.939		-		0.939	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSC	C/Various	Various : Bellevue, Offut AFB, NE	-	5.540	Nov 2023	3.021	Nov 2024	3.113	Nov 2025	-		3.113	-	-	-
Subtotal			-	5.540		3.021		3.113		-		3.113	-	-	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			-	53.448		57.508		63.510		-		63.510	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)								Project (Number/Name) 675029 / Strategic Mission Planning & Execution System			

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304100F / Strategic Mission Planning & Execution System (SMPES)	Project (Number/Name) 675029 / Strategic Mission Planning & Execution System	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Software Acquisition Pathway Continuous Software Delivery				
Continuous development and delivery of working software on a 2-week sprint cadence. Continuous feedback is implemented through customer channels. Supporting events include Quality Design and Build.	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0304109F / <i>THRESHER</i>

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	0.000	0.000	0.000	0.105	0.000	0.105	-	-	-	-	-	-
675222: <i>THRESHER</i>	0.000	0.000	0.000	0.105	0.000	0.105	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note
This program, BA 7, PE 0304109F, project 675222, Technology Development, is a new start.

A. Mission Description and Budget Item Justification

This program funds technology development, testing, and support to USAF warfighter real time access to Thresher. Additionally, this program develops technology to expand data sources and enhance analytics within Thresher to improve fidelity of the air and maritime picture for the USAF warfighter.

Thresher is an National Reconnaissance Office (NRO) program of record to provide a situational awareness capability to produce a high-fidelity real-time multi-domain picture by integrating data from multiple sources and security levels. Thresher makes this information available to tactical (warfighter) and strategic (national intelligence) users at multiple security levels.

Technology developed in this program is transitioned into the Thresher baseline.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.00M was expended for civilian pay expenses in this program element, and in FY25 00.00M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0304109F I THRESHER					
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		0.000	0.000	0.000	0.000	0.000	
Current President's Budget		0.000	0.000	0.105	0.000	0.105	
Total Adjustments		0.000	0.000	0.105	0.000	0.105	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		0.000	0.000	0.105	0.000	0.105	
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Technology Development					-	0.000	0.105
Description: Initiative funds technology development, testing, and support for USAF warfighter real time access to NRO Thresher. Additionally, develops technology to expand data sources and enhance analytics within Thresher to improve fidelity of the air and maritime picture for the USAF warfighter.							
FY 2025 Plans: N/A							
FY 2026 Plans: Will develop technology to enhance real-time USAF warfighter access to, expand data sources to, and enhance analytic capabilities within Thresher.							
FY 2025 to FY 2026 Increase/Decrease Statement: This effort is a new start.							
Accomplishments/Planned Programs Subtotals					-	0.000	0.105
D. Other Program Funding Summary (\$ in Millions) N/A							
Remarks							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0304109F / <i>THRESHER</i>
E. Acquisition Strategy This effort funds necessary development, testing, and support for USAF Warfighter near real time access to Thresher. Funds will be sent to Other Government Agencies (OGAs) via Military Interdepartmental Purchase Request (MIPR) for execution.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304109F / THRESHER				Project (Number/Name) 675222 / THRESHER					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Development	MIPR	Other Government Agency : TBD	-	-		-		0.105	Dec 2025	-		0.105	-	-	-
Subtotal			-	-		-		0.105		-		0.105	-	-	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			-	-		-		0.105		-		0.105	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)									
3600 / 7					PE 0304109F / THRESHER					675222 / THRESHER									

	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
Technology Development																												
Technology Developed, Evaluated, and Released																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304109F / THRESHER	Project (Number/Name) 675222 / THRESHER	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Technology Development				
Technology Developed, Evaluated, and Released	1	2025	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0304260F / <i>Airborne SIGINT Enterprise</i>							
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	0.000	113.429	85.284	90.650	0.000	90.650	-	-	-	-	-	-
675180: <i>RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)</i>	0.000	43.443	41.917	41.882	0.000	41.882	-	-	-	-	-	-
675183: <i>Common Development (Airborne SIGINT Development - Common Development)</i>	0.000	43.384	25.335	30.348	0.000	30.348	-	-	-	-	-	-
675185: <i>COMPASS BRIGHT</i>	0.000	9.495	9.727	9.937	0.000	9.937	-	-	-	-	-	-
675186: <i>Special Programs (Airborne SIGINT Development - Special Platforms)</i>	0.000	17.107	8.305	8.483	0.000	8.483	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Program Element (PE 34260F) invests authorized and appropriated funds for airborne Signals Intelligence (SIGINT) research, development, test and evaluation (RDT&E) efforts in support of the National Defense Strategy (NDS), as applied by the Air Force in the Next Generation ISR Dominance Flight Plan, and the annual U.S. Air Force Intelligence, Surveillance & Reconnaissance Planning and Programing Guidance (IP2G).

The future ISR portfolio will consist of multi-domain, multi-intelligence systems to meet emerging threats across the entire conflict spectrum. The Airborne SIGINT Enterprise (ASE) PE is integral to developing the SIGINT component of a multi-domain, multi-ISR system capable of maintaining the warfighter's decision advantage through all ranges of military operations, to include highly contested environments (HCEs).

To ensure alignment with Congressional intent, urgent Combatant Command requirements, and Departmental Priorities, the Air Force (AF) established the SIGINT Capabilities Working Group (SCWG) to guide, prioritize, and synchronize enterprise SIGINT sensor technology investments at the headquarters level. ASE program funds are distributed to projects based on SCWG development priorities. When required, the USAF may move funds between ASE projects, developing the highest priority projects in response to urgent (e.g., JUON) and emerging (e.g., JEON) warfighter needs.

The ASE program participates in the development, integration, testing, and implementation of data and architecture standards to ensure joint, allied, and coalition interoperability with ASE fielded systems. ASE leads the modernization efforts including existing airborne platform sensors and algorithms, and where appropriate, their interfaces with ground systems, the broader sensing grid, and the DAF Battle Network.

ASE guides RDT&E investments through the Air Force SIGINT Architecture (AFSA). AFSA is focused on documenting and maintaining the current SIGINT enterprise and open architecture standards whenever possible, to allow maximum effectiveness, efficiency and flexibility of development upgrades with multi-domain interoperability. The primary goal is to produce an open system architecture-based, capability-focused SIGINT investment strategy for the USAF. AFSA funds were moved out of the ASE PE after FY24.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0304260F I Airborne SIGINT Enterprise				
ASE capabilities span all levels of conflict and operate throughout the permissive, contested, and highly contested environments.						
Additional details are available at the appropriate classification level.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, 0605898F. In FY24, \$0.658M was expended for civilian pay expenses in this program element, and in FY25, \$0.902M is forecast for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		108.947	85.284	94.684	0.000	94.684
Current President's Budget		113.429	85.284	90.650	0.000	90.650
Total Adjustments		4.482	0.000	-4.034	0.000	-4.034
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-4.518	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		9.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		0.000	0.000	-4.034	0.000	-4.034

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675180 / RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)			
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
675180: RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)	0.000	43.443	41.917	41.882	0.000	41.882	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project supports design, engineering analysis, non-recurring engineering, development, test, and integration of RC-135 SIGINT sensor capabilities and their associated air and ground components. Through extensive utilization of commercial-off-the-shelf (COTS) based solutions to field needed capabilities, it also incurs a need for continuous identification of suitable replacements for components affected by Diminishing Manufacturing Sources and integration efforts consistent with the COTS technology cycle. These efforts provide required engineering for preliminary assessments of technical feasibility, operability, or military utility as well as specific engineering implementations integrated into the various baseline modifications. Funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs. These funds will be disbursed among the RC-135V/W RIVET JOINT, the RC-135U COMBAT SENT, and the RC-135S COBRA BALL programs. Funding reflects the SCWG priorities and the accomplishment of other Airborne SIGINT Enterprise initiatives.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: RC-135 SIGINT Development	43.443	41.917	41.882
Description: Non-Recurring Engineering for the RC-135 signals intelligence systems. See Classified Budget Exhibits (PE 0305207F)			
FY 2025 Plans: Continue SIGINT development efforts for the RC-135 fleet to include new signal sets and upgrades to current capabilities. See PE 0305207F for classified details. Classified requirements POC is HAF AF/A2OO (704) 614-7317.			
FY 2026 Plans: - Deliver 6 capabilities for Baseline 15, continue 14 efforts for Baseline 15 and begin 2 new efforts for baseline 16. -Will continue SIGINT development efforts for the RC-135 fleet to include new signal sets and upgrades to current capabilities. See PE 0305207F for classified details. Classified requirements POC is HAF AF/A2OO (704) 614-7317.			
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decrease due to other Air Force priorities.			
Accomplishments/Planned Programs Subtotals	43.443	41.917	41.882

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise			Project (Number/Name) 675180 / RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)		

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
• APAF 05 Line Item DARPO1: RC-135	220.138	222.966	226.333	-	226.333	-	-	-	-	-	-

Remarks

The funds within Program 0305207F procure all necessary aircraft modifications for the RC-135 program and include those funds necessary to field SIGINT capabilities developed under Project 675180 of the ASE. Not all procurement funds in #DARPO1: RC-135 are for ASE SIGINT projects.

D. Acquisition Strategy

Aircraft, aircraft sensor systems, and associated ground support system modifications planned include the procurement, fielding and logistical support for future RC-135V/W RIVET JOINT, RC-135U COMBAT SENT and RC-135S COBRA BALL baseline configurations. Development and integration is managed by the Big Safari Systems Group. They employ evolutionary acquisition approaches to field incremental capability improvements.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675180 / RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
RC-135 SIGINT Development	SS/ Various	L3 Harris : Greenville, TX	-	43.443	Jan 2024	41.917	Jan 2025	41.882	Jan 2026	-		41.882	-	-	-
Subtotal			-	43.443		41.917		41.882		-		41.882	-	-	N/A
Remarks															
Above contract method/type will be CPFF and FFP															
			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			-	43.443		41.917		41.882		-		41.882	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise					Project (Number/Name) 675180 / RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)				

	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
Development of RC-135 mission sensors																												
Development of RIVET JOINT mission sensors (see 0305207F for classified details)																												
Development of COMBAT SENT mission sensors (see 0305207F for classified details)																												
Development of COBRA BALL mission sensors (see 0305207F for classified details)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675180 / RC-135 (Airborne SIGINT Development - RC-135 Rivet Joint)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Development of RC-135 mission sensors				
Development of RIVET JOINT mission sensors (see 0305207F for classified details)	1	2024	4	2030
Development of COMBAT SENT mission sensors (see 0305207F for classified details)	1	2024	4	2030
Development of COBRA BALL mission sensors (see 0305207F for classified details)	1	2024	4	2030

Note
Requirements documentation is classified. Classified requirements POC is HAF AF/A2/6UO (703) 614-7317

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common 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
675183: Common Development (Airborne SIGINT Development - Common Development)	0.000	43.384	25.335	30.348	0.000	30.348	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Common Development project supports airborne SIGINT design studies, engineering analysis, non-recurring engineering (NRE), program management, risk reduction, and other efforts associated with support to fielded SIGINT sensors and their associated air and ground components. The Common Development project also supports the development and integration of new sensor capabilities, quick reaction capabilities, and capabilities to address emerging needs as identified by the SIGINT Capabilities Working Group (SCWG). Finally, the Common Development project supports replacement components affected by Diminishing Manufacturing Sources and Material Shortages (DMSMS).

Future SIGINT sensors are being developed through the implementation of open architecture concepts that enable the rapid integration of new signals of interests. Future SIGINT sensor efforts will address needs identified in the National Defense Strategy and Next Generation ISR Dominance Flight Plan in order to sustain SIGINT operations in a highly contested environment. The efforts include, but are not limited to, demonstrating SIGINT capabilities using a CI-6 family of systems sensor on a current USAF platform, demonstrating integration of a CI-6 family of systems sensor with USAF ground stations like the Distributed Common Ground System (DCGS), and other ground systems, conducting CI-6 family of systems sensor improvements, developing Low-Cost UAS Sensor Technology (LOCUST), and furthering the development of CRESTONE to counter emerging threats.

This project also supports overarching Airborne SIGINT Enterprise (ASE) common development to include, but not limited to, the Air Force SIGINT Architecture maintenance, SIGINT modeling and simulation efforts, and technology development and risk reduction through the Air Force Research Lab managed Open Architecture Technology Lab (OATL). Capability improvements needed to exploit service identified signals of interest will be identified as priorities by the Air Force SCWG. This project provides the warfighter increased SIGINT combat capability via rapid acquisition. Capability enhancements are implemented as soon as the ASE technology achieves satisfactory risk levels. ASE developed Sensors will be prototyped, integrated and tested on available platforms, funding permitting.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, 0605898F. In FY24, 0.658M was expended for civilian pay expenses in this program element, and in FY25, 0.902M is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Common SIGINT Development	43.384	25.335	30.348

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common Development)	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
Description: Develop, integrate, and test common open architecture compliant SIGINT systems to include but not limited to CI-6, LOCUST, and CRESTONE. Additionally, to develop and test capabilities through the Open Architecture Technology Lab for current and future SIGINT sensors. FY 2025 Plans: - Develop new signals capabilities and enhancements. Details are classified. - Enhance OATL infrastructure to support future SIGINT sensor development and testing. - Pursue capability development and risk reduction support to CI-6 Family of Systems, building upon integration and demonstration efforts in FY23 and FY24. - Support demonstrations of CI-6 Family of Systems - Evaluate open architecture compliance of SIGINT sensor prototypes in the OATL. - Develop capabilities that address emerging needs, as identified by the SCWG. - Continue LOCUST development efforts through enhanced flight tests with DoD mission partners. Details are classified. -Develop, prototype, and test new software/hardware capabilities and form factors for the CRESTONE system. Details are classified. FY 2026 Plans: -Will continue to develop new signals capabilities and enhancements. Details are classified. -Will continue to enhance OATL infrastructure to support future SIGINT sensor development and testing. -Will continue to pursue capability development and risk reduction and necessary follow-on support to CI-6 Family of Systems, building upon integration following assessments and demonstrations efforts in conducted in FY23 and FY24 and /FY25. -Will deliver Big Iron compliant open software to multiple end users, will continue to integrate third-party applications for signals of interest, facilitate JICD 4.2.1 and 3.3 compliance, and assesses single-ship/multi-ship geolocation abilities. -Will continue to evaluate open architecture compliance of SIGINT sensor prototypes in the OATL. -Will continue to develop capabilities that address emerging needs, as identified by the SCWG. -Will continue LOCUST development, integration and test efforts with a focus on autonomy, real-life test event, and large-scale flight test. Details are classified. -Will continue to develop, prototype, and test new software/hardware capabilities and form factors for the CRESTONE system. Details are classified. FY 2025 to FY 2026 Increase/Decrease Statement:			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common Development)		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Increase due to incorporating additional signals of interest into the software library of Common Development Systems, a greater focus on autonomous system development, and ramp-up of CRESTONE capabilities.				
Accomplishments/Planned Programs Subtotals		43.384	25.335	30.348
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
SIGINT capabilities will be developed and integrated onto various platforms using an evolutionary acquisition approach to field incremental capability improvements, leveraging the OATL to incorporate platform agile, open system architecture. Attributable platforms and sensors will be evaluated as solutions to some requirements. Requirements are validated by ACC, and supported by the SCWG (SIGINT Capability Working Group) and other Combatant Commanders (COCOMS).				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common Development)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Open Architecture Technology Lab (OATL)	Various	AFRL / VTS / BRSC : Rome, NY	-	3.814	Nov 2023	2.655	Oct 2024	2.000	Nov 2025	-		2.000	-	-	-
CI-6 Sensor SW Development/Support	C/CPFF	BAE Systems : Hudson, NH	-	9.349	Nov 2023	11.626	Nov 2024	12.049	Nov 2025	-		12.049	-	-	-
CI-6 Ground SW Support/ Demo	C/CPFF	LM RMS : Littleton, CO	-	3.811	Feb 2024	0.500	May 2025	0.500	Apr 2026	-		0.500	-	-	-
CI-6 Aircraft Integration/ Demo	C/CPFF	LMA : Palmdale, CA	-	3.984	Jun 2024	0.000	May 2025	0.000	May 2026	-		0.000	-	-	-
Air Force SIGINT Architecture (AFSA)	Various	AECOM : Annapolis Junction, MD	-	0.000	Jan 2024	0.000	May 2025	0.000	May 2026	-		0.000	-	-	-
CRESTONE	Various	DOE / SNL/ vaious others : Albuquerque, NM	-	9.390	Oct 2023	4.824	Dec 2024	6.000	Nov 2025	-		6.000	-	-	-
LOCUST	Various	AFRL/VTS/BRSC/ MITRE/L3H : Rome, NY	-	6.812	Oct 2023	2.700	Oct 2024	5.129	Nov 2025	-		5.129	-	-	-
MESA (UON)	Various	DOE/SNL : Albuquerque, NM	-	2.000	Apr 2024	0.000	Jan 2025	0.000	Jan 2026	-		0.000	-	-	-
Subtotal			-	39.160		22.305		25.678		-		25.678	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA	Various	Various : Dayton, OH	-	4.224	Jan 2024	3.030	Jan 2025	4.670	Jan 2026	-		4.670	-	-	-
Subtotal			-	4.224		3.030		4.670		-		4.670	-	-	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			-	43.384		25.335		30.348		-		30.348	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force							Date: June 2025			
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise		Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common 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	
Remarks - Open Architecture Technology Lab (OATL) technology development and risk reduction efforts will continue to demonstrate rapid technology insertion.										

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise		Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common Development)	

	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
SIGINT Common Development																												
Open Architecture Technology Lab (OATL)																												
Future SIGINT Programs																												
CI-6																												
Air Force SIGINT Architecture (AFSA)																												
CRESTONE																												
LOCUST																												
MESA																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675183 / Common Development (Airborne SIGINT Development - Common Development)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>SIGINT Common Development</i>				
Open Architecture Technology Lab (OATL)	1	2024	4	2030
Future SIGINT Programs	1	2024	4	2030
CI-6	3	2024	4	2030
Air Force SIGINT Architecture (AFSA)	3	2024	4	2030
CRESTONE	3	2024	4	2030
LOCUST	4	2024	2	2030
MESA	1	2024	3	2026

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675185 / COMPASS BRIGHT			
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
675185: COMPASS BRIGHT	0.000	9.495	9.727	9.937	0.000	9.937	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Based on ISR capability gaps identified by the Air Force (via the SCWG), the COMPASS BRIGHT program develops projects in the SIGINT and MASINT areas for transition to the RC-135 fleet, additional DoD ISR platforms/systems, and national agencies. This program pursues SIGINT technologies for program transition, to include Communications Intelligence (COMINT), Electronic Intelligence (ELINT), Audio, Analytics, Special Signals of Interest, and Radio Frequency Measurement and Signature Intelligence (MASINT). Compass Bright will pursue MULTI-INT capabilities such as but not limited to, cross-cue and fusion from other INTs such as Geospatial Intelligence (GEOINT), in order to create a holistic Intelligence, Surveillance, and Reconnaissance (ISR) picture for the warfighter and the Intelligence Community (IC). The COMPASS BRIGHT program objective is to mature technologies for application in SIGINT and MASINT systems or subsystems. Production and integration of these developed technologies will be conducted by the appropriate programs. COMPASS BRIGHT projects are selected through an annual data call process, whereby the USAF evaluates proposals from the laboratories, platforms, and other government agencies, to select those projects that are best aligned with NDS objectives.

The program office authority extends to accomplishment of out-of-cycle COMPASS BRIGHT efforts. These tasks may be filtered through the SIGINT Capability Working Group (SCWG) outside the normal vetting process to expedite acquisition of capabilities for the warfighter.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, 0605898F. In FY24, 0.000M was expended for civilian pay expenses in this program element, and in FY25, 0.000M is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: COMPASS BRIGHT Tech Development	9.495	9.727	9.937
Description: Develops projects in the SIGINT and MASINT areas for transition to the RC-135 fleet, other ISR platforms/systems and national agencies.			
FY 2025 Plans:			
- Continue to initiate and complete various SIGINT projects to include enhanced ELINT exploitation, COMINT, Audio exploitation, signals of interest prosecution, and non-traditional ISR (NTISR).			
- Solicit projects addressing collection of high priority signals of interest.			
- Fund capabilities that address emerging needs as identified by the SCWG.			
- Develop new signal capabilities and enhancements.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675185 / COMPASS BRIGHT	

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
The Compass Bright portfolio currently consists of 18 projects that are projected to complete in FY25. Additionally, one project is scheduled to complete early FY26. The approved project list added an additional five projects with projected completion dates approximately scheduled to complete end of FY28 based on the scheduled start dates. <i>FY 2026 Plans:</i> - IAW the Compass Bright charter, approved projects will be awarded and ongoing projects will continue or complete based on established schedules. - Continue to solicit projects addressing collection of high priority signals of interest. - Continue to develop new signal capabilities and enhancements. - Continue to fund low TRL capabilities that address emerging needs as identified by the SCWG. <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Funding increase due to inflationary adjustments.			
Accomplishments/Planned Programs Subtotals	9.495	9.727	9.937

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• APAF 05 Line Item DARP01: RC-135	220.138	222.966	226.333	-	226.333	-	-	-	-	-	-
• APAF 06 Line Item DARP01: RC-135	55.614	56.408	57.321	-	57.321	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Air Force Life Cycle Management Center/Intelligence, Surveillance, and Reconnaissance and Special Operations Forces Directorate (AFLCMC/WI) will execute COMPASS BRIGHT efforts through technology development and demonstration contracts which leverage existing laboratory relationships and other existing contractual vehicles, with future development projects emphasizing full and open competition.

On an annual basis, the SIGINT Capabilities Working Group (SCWG) reviews developmental technologies against warfighter capabilities and requirements based on strategic roadmaps. Projects advancing the technological maturity of promising sensors and processing capabilities are reviewed and prioritized into a recommended list for senior executive direction to implement for the coming fiscal year.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675185 / COMPASS BRIGHT					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
COMPASS BRIGHT	Various	Multiple : Various	-	1.039	Nov 2023	1.350	Nov 2024	1.743	Nov 2025	-		1.743	-	-	-
AFRL/RI Projects	C/CPFF	Multiple : Rome/ Griffiss	-	6.102	Nov 2023	6.023	Nov 2024	5.231	Nov 2025	-		5.231	-	-	-
Subtotal			-	7.141		7.373		6.974		-		6.974	-	-	N/A
Remarks															
On an annual basis, the SIGINT Capabilities Working Group (SCWG) reviews developmental technologies against warfighter capabilities and requirements based on strategic roadmaps. Projects advancing the technological maturity of promising sensors and processing capabilities are reviewed and prioritized into a recommended list for senior executive direction to implement for the coming fiscal year.															
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Compass Bright PMA	Various	Various : Various, OH	-	2.354	Jan 2024	2.354	Jan 2025	2.963	Jan 2026	-		2.963	-	-	-
Subtotal			-	2.354		2.354		2.963		-		2.963	-	-	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			-	9.495		9.727		9.937		-		9.937	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)			Project (Number/Name)				
3600 / 7					PE 0304260F / Airborne SIGINT Enterprise			675185 / COMPASS BRIGHT				

	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
COMPASS BRIGHT																												
SIGINT Technologies																												
- ELINT Programs																												
- COMINT Programs																												
- Special Signals Programs																												
- Audio Programs																												
- Analytics Programs																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675185 / COMPASS BRIGHT	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
COMPASS BRIGHT				
SIGINT Technologies	1	2024	4	2030
- ELINT Programs	1	2024	4	2030
- COMINT Programs	1	2024	4	2030
- Special Signals Programs	1	2024	4	2030
- Audio Programs	1	2024	4	2030
- Analytics Programs	1	2024	4	2030

Note
On an annual basis, the SCWG reviews developmental technologies against warfighter capabilities and requirements based on strategic roadmaps. Projects advancing the technological maturity of promising sensors and processing capabilities are reviewed and prioritized into a recommended list for senior executive direction to implement for the coming fiscal year. As a result, the USAF will move funds between projects periodically to develop the highest priority projects in response to urgent and emerging warfighter needs.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675186 / Special Programs (Airborne SIGINT Development - Special Platforms)			
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
675186: <i>Special Programs (Airborne SIGINT Development - Special Platforms)</i>	0.000	17.107	8.305	8.483	0.000	8.483	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification This project supports special SIGINT studies as well as the development and integration of advanced SIGINT capabilities for special programs including, but not limited to: quick reaction capability sensors, the processing, exploitation, and dissemination associated with these systems, and other efforts approved by the USAF SIGINT Capabilities Working Group (SCWG). Development efforts will include, but are not limited to: new signal sets, antenna improvements, sensitivity upgrades, and data distribution upgrades, and new/advanced deployment capabilities. This project provides the war fighter with near term combat capabilities with increased capability improvements accomplished as technologies and risks achieve satisfactory levels. Sensors will be integrated and tested on various platforms including the MQ-9A remotely piloted aircraft.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: SIGINT Development									17.107	8.305	8.483	
Description: Develop, update, and test SIGINT capabilities for QRC and normalized special programs SIGINT projects.												
FY 2025 Plans: - Continuing to modernize SIGINT systems used by the MQ-9A and other platforms.												
FY 2026 Plans: - Will continue to modernize SIGINT systems used by the MQ-9A and other platforms. - Additional details are classified												
FY 2025 to FY 2026 Increase/Decrease Statement: Funding increase due to inflationary adjustments.												
Accomplishments/Planned Programs Subtotals									17.107	8.305	8.483	
C. Other Program Funding Summary (\$ in Millions) N/A Remarks												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675186 / Special Programs (Airborne SIGINT Development - Special Platforms)

D. Acquisition Strategy

SIGINT capabilities will be integrated to various classified platforms using an evolutionary acquisition approach. Capabilities and prototypes will be developed by Other Government Agencies and transitioned to select vendors as production needs develop.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise				Project (Number/Name) 675186 / Special Programs (Airborne SIGINT Development - Special Platforms)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Airborne SIGINT Development - Special Platforms	Various	Various : Various	-	14.973	Jan 2024	7.868	Jan 2025	8.122	Jan 2026	-		8.122	-	-	-
Subtotal			-	14.973		7.868		8.122		-		8.122	-	-	N/A
Remarks Upgrades the quick reaction capability sensors already on the MQ-1/9 fleet															
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Flight Test	Various	Various : Various	-	2.134	May 2024	0.437	May 2025	0.361	May 2026	-		0.361	-	-	-
Subtotal			-	2.134		0.437		0.361		-		0.361	-	-	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			-	17.107		8.305		8.483		-		8.483	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise		
			Project (Number/Name) 675186 / Special Programs (Airborne SIGINT Development - Special Platforms)		

	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
SIGINT Development																												
MQ-9 Sensor 1 Modernization																												
MQ-9 Sensor 2 Modernization																												
MQ-9 Sensor Upgrades																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304260F / Airborne SIGINT Enterprise	Project (Number/Name) 675186 / Special Programs (Airborne SIGINT Development - Special Platforms)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
SIGINT Development				
MQ-9 Sensor 1 Modernization	1	2024	4	2029
MQ-9 Sensor 2 Modernization	1	2024	4	2029
MQ-9 Sensor Upgrades	1	2024	4	2029

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0304310F I Commercial Economic Analysis							
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	0.000	4.245	4.719	4.127	0.000	4.127	-	-	-	-	-	-
675896: Commercial Economic Analysis	0.000	4.245	4.719	4.127	0.000	4.127	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

To preserve Department of the Air Force and DoD military advantage from commercial and economic risk and identify commercial and economic opportunities to develop asymmetric advantage, the Office of Commercial and Economic Analysis (OCEA) produces in-depth analytical assessments and advanced risk mitigation strategies based on commercially available industry, market, and economic information. OCEA works with the HAF/SAF and Components to develop these strategies and establish market-based capabilities for the protection of the National Security Innovation Base, Defense Industrial Base, and the overall Industrial competitiveness of the United States.

The funding request provides for an enterprise analytic framework for providing aggregate risk insights, mitigation strategies, and impact analytic products. The funding also supports continuous assessment of the commercially available information to ensure it is accurate, current, and relevant.

Reduced Federally Funded Research and Development Center funding by \$433K, reduced Service Contract by \$248K and reduced travel by \$12K by implementing the President's Department of Government Efficiency Cost Efficiency Initiative.

Additional classified details can be found in OSD Comptroller's classified Justification Book Volume 6.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 0.00M was expended for civilian pay expenses in this program element, and in CY 0.00M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0304310F I Commercial Economic Analysis				
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget	4.635	4.719	4.821	0.000	4.821	
Current President's Budget	4.245	4.719	4.127	0.000	4.127	
Total Adjustments	-0.390	0.000	-0.694	0.000	-0.694	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	-0.390	0.000				
• SBIR/STTR Transfer	0.000	0.000				
• Other Adjustments	0.000	0.000	-0.694	0.000	-0.694	
Change Summary Explanation						
N/A						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Commercial Economic Analysis				4.245	4.719	4.127
Description: Develop solutions to protect the National Security Innovation Base from adversary information attacks and protect the U.S. technological advantage. Research, develop, test and evaluate Commercial Economic Analysis capabilities, systems, tools, data, products, and services through a disciplined, yet agile, process that ensures commercial economic modeling pilots, risk management constructs, decision support tools, and continuous monitoring capabilities are available for Air Force sectors and segments of the National Security Innovation Base.						
Additional classified details can be found in OSD Comptroller's classified Justification Book Volume 6.						
FY 2025 Plans: Continue to use existing contracts and Commercial Solutions Openings (CSO) purchase orders for a continuation of modular components and data architecture from work supporting risk management, risk migration and non-traditional support capabilities.						
FY 2026 Plans: Will continue to use existing contracts and Commercial Solutions Openings (CSO) purchase orders for a continuation of modular components and data architecture from work supporting risk management, risk migration and non-traditional support capabilities.						
FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0304310F I Commercial Economic Analysis							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Funding decrease due to reducing research and development center funding, implementing the President's Department of Government Efficiency Workforce Optimization Initiative, implementing the President's Department of Government Efficiency Cost Efficiency Initiatives for travel and contract services.												
Accomplishments/Planned Programs Subtotals										4.245	4.719	4.127
D. 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	
• O&M 030431F: Commercial Economic Analysis	19.121	21.227	18.995	-	18.995	-	-	-	-	-	-	
Remarks N/A												
E. Acquisition Strategy Pursue competitively awarded contracts for follow-on to existing contract and task orders, with emphasis on system integration and corresponding data architectures. IDIQ task orders and specific system integration, cloud connectivity, and data contracts are the cornerstone of OCEA RDT&E activities.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0304310F / Commercial Economic Analysis						Project (Number/Name) 675896 / Commercial Economic Analysis			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Data Integration	C/FFP	Dun & Bradstreet : Reston, VA	-	1.112	May 2024	1.140	May 2025	1.160	May 2026	-		1.160	-	-	-
Data Applications	C/FP	Strider, Craft, Bluefoot : Fairfax, VA	-	2.915	Jul 2024	3.185	Jul 2025	2.967	Jul 2026	-		2.967	-	-	-
Subtotal			-	4.027		4.325		4.127		-		4.127	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Hosting Services	SS/FFP	AWS (C2S) : Seattle, WA	-	0.218	May 2024	0.394	May 2025	-		-		-	-	-	-
Subtotal			-	0.218		0.394		-		-		-	-	-	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			-	4.245		4.719		4.127		-		4.127	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity										R-1 Program Element (Number/Name)									
3600 / 7										PE 0304310F / Commercial Economic Analysis									
										Project (Number/Name)									
										675896 / Commercial Economic Analysis									

	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
OCEA																												
Competitive Assessments																												
SBIR/STTR Due Diligence																												
Continuous Assessment Capability																												
Integrate External Applications																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304310F / Commercial Economic Analysis	Project (Number/Name) 675896 / Commercial Economic Analysis	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
OCEA				
Competitive Assessments	1	2024	4	2030
SBIR/STTR Due Diligence	1	2024	4	2030
Continuous Assessment Capability	1	2024	4	2030
Integrate External Applications	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0305015F / C2 Air Operations Suite - C2 Info Services							
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	0.000	13.273	13.524	0.000	0.000	0.000	-	-	-	-	-	-
675218: <i>Applications Development</i>	0.000	13.273	13.524	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2026, PE 0305015F, C2 Air Operations Suite - C2 Info Services, Project 675218, (Applications Development) efforts were transferred to PE 0305836F, (Command and Control, Incident Management, Emergency Response Application), Project 675218 (C2IMERA) in order to continue C2IMERA efforts in a standalone Program Element.

A. Mission Description and Budget Item Justification

This budget line funds the development of the Command and Control, Incident Management, Emergency Response Application (C2IMERA), a C2 system that enables commanders and staffs to generate and present ready forces to combatant commanders at the tactical, operational, and strategic levels. C2IMERA funds provide enhanced installation C2 that improves decision speed, quality, and lethality by incorporating direct user inputs, connecting people to information, automating daily operations, and integrating data from myriad systems into a real-time, interactive Common Operating Picture (COP) with visualized dashboards. C2IMERA enables mission-ready units of action to support Agile Combat Employment by effectively linking combat wings and base commands, enabling bases to successfully operate during competition, crisis, and conflict. C2IMERA synchronizes information across large scale exercises and operations through the implementation of a COP and tool that streamlines daily operations and reporting. C2IMERA aggregates the theater-wide critical information into strategic and operational pictures that enable Higher Headquarters (HHQ) to make real-time force decisions across the competition continuum. C2IMERA accelerates decision makers' access to C2 information by providing automated updates through the COP/email and alleviating the need for unnecessary briefings, meetings, and radio communication(s).

The C2IMERA operational concept has three capability areas:

- C2 collaboration across the Wing, enabling the base to operate and fight
- Wing Situational Awareness, enabling the wing to integrate across operations
- Wing Collaboration/reporting to HHQ (i.e., Air Operations Center (AOC), the Air Force Forces (AFFOR), Command Center etc.), enabling high-quality operational and strategic decision making

Requirements also include supporting base operations, mission management and monitoring, HHQ Information Exchange Requirements (IERs), Emergency Action Messaging, Situation Report (SITREP) automation, and other key enablers supporting the operational concept.

Efforts within this PE align with USAF investment in Mission Planning Systems (PE 0208006F), Air Operations Center (0207410F), All Domain Common Platform (0303248F) and ABMS (0604003F) to deliver the Theater Air Planning System of Systems (TAP-SoS) architecture for the DAF BATTLE NETWORK.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305015F I C2 Air Operations Suite - C2 Info Services					
FY 2026 funds will continue to support agile development and operations enabling the delivery of new advanced features to C2IMERA following the FY 2025 completion of the codebase re-architecture from a monolithic codebase to a microservices based, multi-tenant application. FY 2026 funds will integrate C2IMERA across the DAF Battle Network, expand data access through system interoperability and new systems integrations, automate data inputs and workflows, and improve coalition warfighting capabilities through expanded information availability.							
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. Due to being a new Program Element in FY 2026, civilian pay expenses in this program element will begin in FY 2026. For reference, this program is transferring from 0305015F where in FY 2024 \$0.300 million was expended for civilian pay expenses , and in FY 2025 \$0.500 million is forecasted for civilian pay expenses.							
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.							
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		13.751	13.524	13.913	0.000	13.913	
Current President's Budget		13.273	13.524	0.000	0.000	0.000	
Total Adjustments		-0.478	0.000	-13.913	0.000	-13.913	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		-0.478	0.000				
• Other Adjustments		0.000	0.000	-13.913	0.000	-13.913	
Change Summary Explanation							
In FY 2026, PE 0305015F, C2 Air Operations Suite - C2 Info Services, Project 675218, (Applications Development) efforts were transferred to PE 0305836F, (Command and Control, Incident Management, Emergency Response Application), Project 675218 (C2IMERA) in order to continue C2IMERA efforts in a standalone Program Element.							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Command and Control, Incident Management, Emergency Response Application (C2IMERA)					13.273	13.524	0.000
Description: C2IMERA will improve Installation command and control by connecting people, integrating data, and automating							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305015F / C2 Air Operations Suite - C2 Info Services		
C. Accomplishments/Planned Programs (\$ in Millions) daily operations. The aggregation of theater data and activities enhances Operational C2 as well as increases decision speed and operational advantage. This is accomplished by incorporating direct user feedback, connecting people, automating daily operations, and integrating data from myriad systems. C2IMERA receives input from users and system interfaces and the data is displayed on the real-time, interactive common operational picture (COP). C2IMERA provides automated updates via the COP, as well as notifications via emails and alerts, alleviating the need for briefings, meetings, and radio communication(s). FY 2025 Plans: Activities include, but are not limited to the following: -Will fully implement multi-tenant capabilities for a fully federated global application. -Will expand data sets for cross domain non-secure internet protocol router (NIPR) to secure internet protocol router (SIPR) data transfer. -Will expand Denied, Disrupted, Intermittent, and Limited bandwidth capabilities in support of joint all domain command and control (JADC2) and agile combat employment (ACE). -Will integrate with authoritative data sources to enhance interoperability. -Will enhance user interface and experience (UI/UX) functionality and features for fully federated global application. -Will expand integration with joint C2 framework. -Will continue with the automated workflow and improved system integration with continued interface. development focusing on the fusion of installation/base C2 node data with Major Command (MAJCOM) and higher headquarters (HHQ) level systems at the strategic levels. -Will lead and manage the program through daily interaction with contractor and key stakeholders. -Will identify, monitor, mitigate, and report program and known risks associated with software and testing. -Will integrate with external data sharing services to provide Friendly Order-of-Battle (FrOB) data to feed near real-time Common Operating Picture (COP). -Will integrate with Kessel Run all domain operations suite (KRADOS) applications. FY 2026 Plans: No funding requested, please see PE 0305836F for FY 2026 plans FY 2025 to FY 2026 Increase/Decrease Statement: Funding in this PE decreases to \$0 because the program moves to PE 0305836F in FY26. Funding associated with the program increases in the new PE due to inflationary cost increases to the program.		FY 2024	FY 2025	FY 2026
Accomplishments/Planned Programs Subtotals		13.273	13.524	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305015F I C2 Air Operations Suite - C2 Info Services						
D. 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
• RDTE 07 0604617F: Agile Combat Support	5.645	0.000	0.000	-	0.000	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
Using Software Acquisition Pathway (SWP), the acquisition strategy builds on agile software engineering methodologies and modernization of existing capabilities utilizing evolutionary acquisition. Timelines are reduced by modularizing both software engineering solutions and the associated contracting and funding strategies. This enables dynamic resource allocation based on current warfighter needs. The desired end state is continuous delivery of software. This program is dependent on support from the All Domain Common Platform (ADCP). Program management for the C2IMERA program is under direction of program executive office (PEO) Command, Control, Communication & Battle Management C3BM, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA is the contracting authority for the C2IMERA program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity						R-1 Program Element (Number/Name)					Project (Number/Name)				
3600 / 7						PE 0305015F / C2 Air Operations Suite - C2 Info Services					675218 / Applications Development				
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2IMERA Development	C/Various	Leidos : Reston, VA	-	8.954	Nov 2023	9.454	Nov 2024	-		-		-	-	-	-
Subtotal			-	8.954		9.454		-		-		-	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2IMERA Test Support	PO	96th Test Wing : Eglin, FL	-	0.265	Jan 2024	0.231	Jan 2025	-		-		-	-	-	-
Subtotal			-	0.265		0.231		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2IMERA Program Support	C/Various	Not specified. : Hanscom AFB, MA	-	3.245	Jan 2024	3.326	Jan 2025	-		-		-	-	-	-
C2IMERA Systems Engineer	SS/ Various	Not specified. : Hanscom AFB, MA	-	0.809	Oct 2023	0.513	Oct 2024	-		-		-	-	-	-
Subtotal			-	4.054		3.839		-		-		-	-	-	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			-	13.273		13.524		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)									
3600 / 7					PE 0305015F / C2 Air Operations Suite - C2 Info Services					675218 / Applications Development									

	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
Software Development																												
C2IMERA Software development																												
Test																												
C2IMERA Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305015F / C2 Air Operations Suite - C2 Info Services	Project (Number/Name) 675218 / Applications Development	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Software Development				
C2IMERA Software development	1	2024	4	2025
Test				
C2IMERA Test	1	2024	4	2025

Note
See PE 0207522F, Airbase Air Defense Systems (ABADS), Project Number 675218, Applications Development for previous development events. In FY 2026, PE 0305015F, C2 Air Operations Suite - C2 Info Services, Project 675218, (Applications Development) efforts were transferred to PE 0305836F, (Command and Control, Incident Management, Emergency Response Application), Project 675218 (C2IMERA) in order to continue C2IMERA efforts in a standalone Program Element.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305020F I CCMD Intelligence Information Technology							
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	0.000	1.660	1.836	1.547	0.000	1.547	-	-	-	-	-	-
674901: Ccmd Intelligence Information Technology	0.000	1.660	1.836	1.547	0.000	1.547	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Combatant Command Intelligence Enterprise Management Support Office (CCI EMSO) guides the development, modernization, alignment, and integration of Combatant Command Intelligence (CCI) enterprise capabilities and systems as part of the Defense Intelligence Enterprise (DIE). This program focuses on information technology (IT) and data centric gaps, and builds consensus across the Combatant Commands (CCMDs), Combat Service Agencies (CSAs), and services to accelerate enterprise IT solutions to the Warfighter. It also provides foundational data analytics, enterprise architectural research, and modeling across the CCI community. CCI EMSO includes a cloud-based research and assessment computing environment leveraging advance computing and storage technologies. It provides data-driven research, portfolio assessment and management, and decision support to enable OUSD(I&S)'s governance and management of the CCMD Intelligence Enterprise. CCMDs require a cohesive, flexible innovative IT enterprise that rapidly transforms and adapts to ensure intelligence content informs solution analysis, planning, warfighter operations, and strategic decision making. This program office actively engages with the CCMDs and service providers to refine requirements, identify potential solutions, and advocate for the modernization, alignment, and integration of DIE capabilities critical to the warfighter. CCI EMSO champions CCMD Intelligence IT requirements during the implementation of DoD's Digital Transformation Strategy and OUSD(I&S) Digital Transformation Campaign Plan. The CCI EMSO is at the nexus of multiple service providers, networks, systems, applications, classification levels, and funding. The vast majority of these IT services are tailored to Intelligence Community (IC) users versus broader CCMD-missions or needs.

OUSD(I&S) and Joint Staff sponsored a capabilities based assessment resulting in an Intelligence System Initial Capability Document (IS-ICD - JROCM 094-16) and a Doctrine, Organization, Training, material, Logistics, Personnel, Facilities - Policy (DOTmLPF-P) Change Request (DCR - JROCM 088-17). In response, OUSD(I&S) coordinated with the Air Force to create the CCI EMSO, formerly Combatant Command Intelligence Information Technology Provisional Program Activity Office (CCIIT PPAO). OUSD(I&S) Digital Transformation Campaign Plan directs CCI EMSO to support the modernization and management of the CCI IT Enterprise for the CCMDs. This program enables long term research and evaluation of systems and processes capable of supporting the CCI Enterprise.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 0.00M was expended for civilian pay expenses in this program element, and in CY 0.00M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity		R-1 Program Element (Number/Name)					
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0305020F I CCMD Intelligence Information Technology					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget	1.660	1.836	1.882	0.000	1.882		
Current President's Budget	1.660	1.836	1.547	0.000	1.547		
Total Adjustments	0.000	0.000	-0.335	0.000	-0.335		
• Congressional General Reductions	0.000	0.000					
• Congressional Directed Reductions	0.000	0.000					
• Congressional Rescissions	0.000	0.000					
• Congressional Adds	0.000	0.000					
• Congressional Directed Transfers	0.000	0.000					
• Reprogrammings	0.000	0.000					
• SBIR/STTR Transfer	0.000	0.000					
• Other Adjustments	0.000	0.000	-0.335	0.000	-0.335		
Change Summary Explanation							
FY 2026 reduction is due to Air Force administrative actions for Efficiency - Contract Services. This action reduces contracts 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."							
C. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Combatant Command Intelligence Information Technology (CCIIT)			1.660	1.836	1.547	0.000	1.547
Description: Development, modification, and integration of new functionality to support improved end-to-end service delivery against one or more of six validated requirements areas within the CCIIT Enterprise operational mission set.							
FY 2025 Plans: Continuation of efforts: The RDT&E funds will be used to continue to research, test and evaluate multiple software tools and workflows impacting the CCI Enterprise. Complex research and evaluation of emerging data structures, visualization tools, and cross domain services directly address multiple Joint Requirements Oversight Council (JROC) requirements and CCMD Integrated Priority Lists (IPLs).							
FY 2026 Base Plans: Will Continue efforts: The RDT&E funds will be used to further research, test and evaluate multiple software tools and workflows impacting the CCI Enterprise. Complex research and evaluation of emerging data							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development				R-1 Program Element (Number/Name) PE 0305020F I CCMD Intelligence Information Technology							
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
structures, visualization tools, and cross domain services directly address multiple Joint Requirements Oversight Council (JROC) requirements and CCMD Integrated Priority Lists (IPLs).											
FY 2026 OOC Plans: N/A											
FY 2025 to FY 2026 Increase/Decrease Statement: The FY 2025 to FY 2026 Decrease is due to Air Force administrative actions for Efficiency - Contract Services. This action reduces contracts 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."											
Accomplishments/Planned Programs Subtotals							1.660	1.836	1.547	0.000	1.547
D. 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
• O&M PE 0305020F: CCMD Intelligence Information Technology	10.362	13.612	14.008	-	14.008	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
RDT&E funds will be applied as modifications to existing contract vehicles to address identified requirements and align and integrate capabilities across the enterprise critical to the warfighter.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305020F / CCMD Intelligence Information Technology						Project (Number/Name) 674901 / Ccmd Intelligence Information Technology			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IT Cloud Hosting for Application Development	C/FFP	Other Contracting : Fairfax, VA	-	0.282	Aug 2024	0.064	Aug 2025	-		-		-	-	-	-
Subtotal			-	0.282		0.064		-		-		-	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Support for Test and Evaluation Services	C/CPFF	Other Contracting : Fairfax, VA	-	1.378	Dec 2023	1.772	Dec 2024	1.547	Dec 2025	-		1.547	-	-	-
Subtotal			-	1.378		1.772		1.547		-		1.547	-	-	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			-	1.660		1.836		1.547		-		1.547	-	-	N/A
Remarks N/A															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305020F / CCMD Intelligence Information Technology		Project (Number/Name) 674901 / Ccmd Intelligence Information Technology	

	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
CCI Enterprise Gap Analysis																												
Research Intelligence IT Gaps/Coordinate with Combatant Commands and Joint Staff.																												
Defense Intelligence Enterprise Architecture																												
Research and Model Defense Intelligence Information Technology Integrated Architectures																												
Material Solutions Analysis																												
Research and Develop validated CCI requirements, solutions, and workflows.																												
CCI Assessments																												
Research and Assess CCI Programs and Capabilities to determine Enterprise Suitability and Technical Functionality.																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305020F / CCMD Intelligence Information Technology	Project (Number/Name) 674901 / Ccmd Intelligence Information Technology	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CCI Enterprise Gap Analysis				
Research Intelligence IT Gaps/Coordinate with Combatant Commands and Joint Staff.	1	2024	4	2030
Defense Intelligence Enterprise Architecture				
Research and Model Defense Intelligence Information Technology Integrated Architectures	1	2024	4	2030
Material Solutions Analysis				
Research and Develop validated CCI requirements, solutions, and workflows.	1	2024	4	2030
CCI Assessments				
Research and Assess CCI Programs and Capabilities to determine Enterprise Suitability and Technical Functionality.	1	2024	4	2030

Note
N/A

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305022F I ISR Modernization & Automation Dvmt (IMAD)							
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	0.000	15.180	19.409	22.237	0.000	22.237	-	-	-	-	-	-
675197: Core Technology	0.000	11.714	15.871	18.627	0.000	18.627	-	-	-	-	-	-
675306: Analysis Enterprise	0.000	3.466	3.538	3.610	0.000	3.610	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

AF ISR Modernization, Automation and Development (IMAD) program develops and demonstrates technology required to implement Artificial Intelligence/Machine Learning (AI/ML), Automation to aid in the current manpower-intensive approaches with digital innovations across the Intelligence, Surveillance, and Reconnaissance (ISR) systems. SECAF directed the Air Force to invest in a more automated and machine learning environment to relieve strain on manpower in the out years. IMAD was established to create ISR enterprise-wide effects enhancing the common operations picture, increasing the speed of data from detection, delivery, to operational decisionmakers and increase use of AF ISR Commercial Cloud capabilities as described in ISR Strategic Vision 2032.

IMAD consist of:

(1) Core Technologies in support of Algorithmic Warfare: technologies using algorithms to support USAF ISR, Joint, and the Intelligence Community (IC) operations at the scale and speed required in modern warfare against our adversaries and supports the National Defense Strategy (NDS) priority of operating at the "speed of relevance." Air Force ISR Strategic Vision 2032 calls on a need for dynamically adaptive digital infrastructure and technologies from cone to edge. IMAD provides gaps and enables convergence of various technologies to operate on a common system.

(2) Analysis Enterprise in support of Kill Chain Automation: USAF ISR must adapt large data sets and condition it into mission ready data sets, allowing personnel to discover, manage, and analyze data and transform it into real-time intelligence products. ISR Modernization, Automation and Development (IMAD) is an Air Force program managed by Air Combat Command (ACC) that funds investment in digital innovation projects submitted by the field and ISR enterprise partners. Investment funds are programmed to deliver machine learning capabilities (AI/ML). Replace manpower-intensive approaches which cannot keep pace with the future speed and volume of data. In addition, IMAD answers field ISR technologies that shift to a common cloud environment and operate at the tactical edge which applies new methodologies; advanced artificial intelligence and machine learning; ensures data is accessible, discoverable, and interoperable; and delivers decision advantage from detection to mission execution.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0.20 million was expended for civilian pay expenses in this program element, and in FY25 \$0.24 million is forecasted for civilian pay expenses in this program element.

Efficiency-

Reduces \$1.296 million in contracts 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."

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305022F I ISR Modernization & Automation Dvmt (IMAD)			
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	18.680	22.909	23.533	0.000	23.533
Current President's Budget	15.180	19.409	22.237	0.000	22.237
Total Adjustments	-3.500	-3.500	-1.296	0.000	-1.296
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-3.500	-3.500			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-1.296	0.000	-1.296
Change Summary Explanation					
The funding increase to BPAC 675197 Core Technology is the result of the two following actions. First, starting in FY24 the portfolio requested a re-alignment of 4.2M in Procurement funding to RDT&E to meet increasing requirements in the program. Additionally, the service lowered 3600 funding in the portfolio in FY23/24 to ensure the new start was meeting execution goals. This accounts for an additional increase to the portfolio of 4M in FY25. The increase in funding will meeting growing requirements to modernize and integrate ISR competencies across the kill web delivering relevant and viable ISR and automation solutions to warfighters quickly. As time is of the essence, specifically in the INDOPACOM region, an increase in IMAD RDT&E funding now will help us move faster to get after the seven DAF operational imperatives and prepare our Airmen for peer competition, modernize and integrate our ISR competencies and posture intelligence capabilities for agile combat employment.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305022F / <i>ISR Modernization & Automation Dvmt (IMAD)</i>				Project (Number/Name) 675197 / <i>Core Technology</i>			
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
675197: <i>Core Technology</i>	0.000	11.714	15.871	18.627	0.000	18.627	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Core Technologies in support of Algorithmic Warfare: technologies using algorithms to support USAF ISR, Joint, and the Intelligence Community (IC) operations at the scale and speed required in modern warfare against our adversaries and supports the National Defense Strategy (NDS) priority of operating at the "speed of relevance." Algorithmic technologies such as Machine Learning (ML) and Artificial Intelligence (AI) continues to reshape current sense, identify, attribute, and share Processing, Exploitation and Dissemination (PED) models to meet sustainable and effective ISR digital solutions while identifying efficiencies and thrive in a complex operating environment.												
Supports National Defense Strategy priority of operating at the "speed of relevance."												
Supports Next Generation ISR Dominance Flight Plan.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.20M was expended for civilian pay expenses in this program element, and in FY25 0.25M is forecasted for civilian pay expenses in this program element.												
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Algorithmic Warfare								11.714	15.871	18.627	-	18.627
Description: SECAF directed the AF to invest in a more automated environment and machine learning to relieve strain on manpower in the out years. Algorithmic Warfare can provide world-class ISR support to Joint Operations at the scale and speed required in modern warfare against our adversaries. This effort supports ISR Strategic Vision 2032 National Defense Strategy of operating at the "speed of relevance."												
FY 2025 Plans: Continue to develop ISR algorithmic Warfare - automation of tools and machine learning algorithms. Continue to investigate AI methods.												
FY 2026 Base Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305022F / <i>ISR Modernization & Automation Dvmt (IMAD)</i>		Project (Number/Name) 675197 / <i>Core Technology</i>		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
SECAF directed the AF to invest in a more automated environment and machine learning to relieve strain on manpower in the out years. Algorithmic Warfare can provide world-class ISR support to Joint Operations at the scale and speed required in modern warfare against our adversaries. This effort supports ISR Strategic Vision 2032 National Defense Strategy of operating at the "speed of relevance." <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Development and transfer of an editable software shell and Graphical User Interface informed by sanitized intelligence and low-latency crowd-sourced Open Source Intelligence for disadvantaged tactical users including Coalition Partners within INDOPACOM. Scale AI Donovan Large Language Model platform as an information super library and Mission Planning Cell assistant with widespread applicability for all warfighters to mitigate human error. The four key efforts outlined above enhance resilience in Command, Control, Computing, Communications, Cyber, Automation, Machine Learning, Intelligence, Surveillance, Reconnaissance, and Targeting networks across INDOPACOM, CENTCOM, and EUCOM.						
Accomplishments/Planned Programs Subtotals		11.714	15.871	18.627	-	18.627
C. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
The funding increase to BPAC 675197 Core Technology is the result of the two following actions. First, starting in FY24 the portfolio requested a re-alignment of 4.2M in Procurement funding to RDT&E to meet increasing requirements in the program. Additionally the service lowered 3600 funding in the portfolio in FY23/24 to ensure the new start was meeting execution goals. This accounts for an additional increase to the portfolio of 4M in FY25. The increase in funding will meeting growing requirements to modernize and integrate ISR competencies across the kill web delivering relevant and viable ISR and automation solutions to warfighters quickly. As time is of the essence, specifically in the INDOPACOM region, an increase in IMAD RDT&E funding now will help us move faster to get after the seven DAF operational imperatives and prepare our Airmen for peer competition, modernize and integrate our ISR competencies and posture intelligence capabilities for agile combat employment.						
D. Acquisition Strategy						
All contracts funded in this program will be awarded using competitive procedures to the maximum extent possible.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Automation Dvmt (IMAD)						Project (Number/Name) 675197 / Core Technology			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Algorithmic Warfare	C/Various	HAF/A2 : Pentagon, DC	-	11.714	Nov 2023	15.871	Nov 2024	18.627	Nov 2025	-		18.627	-	-	-
Subtotal			-	11.714		15.871		18.627		-		18.627	-	-	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			-	11.714		15.871		18.627		-		18.627	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Auto mation Dvmt (IMAD)					Project (Number/Name) 675197 / Core Technology	

	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
Algorithmic Warfare																												
Begin Algorithm Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Automation Dvmt (IMAD)	Project (Number/Name) 675197 / Core Technology

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Algorithmic Warfare				
Begin Algorithm Development	1	2024	4	2028

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Auto mation Dvmt (IMAD)				Project (Number/Name) 675306 / Analysis Enterprise			
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
675306: Analysis Enterprise	0.000	3.466	3.538	3.610	0.000	3.610	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

AF ISR must adapt large data sets and condition it into mission sets, allowing personnel to discover, manage, and analyze data and transform it into living intelligence. Kill Chain Automation applies new methodologies; advances automation and machine learning algorithms; ensures data is accessible, agreeable, and interoperable; and delivers decision advantage.

Supports National Defense Strategy priority of operating at the "speed of relevance."

Supports Next Generation ISR Dominance Flight Plan.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY23 0.00M was expended for civilian pay expenses in this program element, and in FY24 0.00M is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Kill Chain Automation	3.466	3.538	3.610	0.000	3.610
Description: AF's first ISR investment to work large data sets, automation, COTS IT tolls, and data aggregation.					
FY 2025 Plans: Continue to fund software development to automate ISR analyst workflows					
FY 2026 Base Plans: Continue to fund software development to automate ISR analyst workflows					
FY 2026 OOC Plans: Continue to fund software development to automate ISR analyst workflows					
FY 2025 to FY 2026 Increase/Decrease Statement: Increase to match historic funding levels.					
Accomplishments/Planned Programs Subtotals	3.466	3.538	3.610	0.000	3.610

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Automation Dvmt (IMAD)	Project (Number/Name) 675306 / Analysis Enterprise

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

All contracts funded in this program will be awarded using competitive procedures to the maximum extent possible.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Automation Dvmt (IMAD)						Project (Number/Name) 675306 / Analysis Enterprise			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Kill Chain Automation	C/Various	HAF/A2 : Pentagon, DC	-	3.466	Dec 2023	3.538	Dec 2024	3.610	Dec 2025	-		3.610	-	-	-
Subtotal			-	3.466		3.538		3.610		-		3.610	-	-	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			-	3.466		3.538		3.610		-		3.610	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305022F / <i>ISR Modernization & Automation Dvmt (IMAD)</i>					Project (Number/Name) 675306 / <i>Analysis Enterprise</i>	

	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
Kill Chain Automation																												
Begin automation development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305022F / ISR Modernization & Automation Dvmt (IMAD)	Project (Number/Name) 675306 / Analysis Enterprise	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Kill Chain Automation</i>				
Begin automation development	1	2024	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305099F / <i>Global Air Traffic Management (GATM)</i>

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	0.000	4.928	5.151	4.257	0.000	4.257	-	-	-	-	-	-
674689: <i>Global Access Architecture</i>	0.000	4.928	5.151	4.257	0.000	4.257	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program element funds the Air Force Life Cycle Management Center (AFLCMC) Aerospace Management Systems Division (AMSD), the designated Air Force (AF) Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) and Navigation Safety Center of Excellence (COE).

The COE provides centralized avionics expertise to Headquarters Air Force, AF Major Commands (MAJCOM), and weapon system program offices. This funding enables the COE to participate, influence, and vote in government and industry technical forums as well as U.S. and international civil aviation standards bodies such as the Federal Aviation Administration (FAA), International Civil Aviation Organization (ICAO), Radio Technical Commission for Aeronautics (RTCA), the DoD Airlines Electronic Engineering Committee (AEEC) and others. These organizations are responsible for the development and assessment of international civil aviation standards for safe and efficient flight operations in worldwide airspace. This centralized CNS/ATM technical expertise capability supports all MAJCOMs and over 30 AF weapon system program offices.

The COE develops strategies to update and implement CNS/ATM capability requirements on AF weapon systems, as well as tailors the Generic Performance Matrix (GPM) to each airframe's unique avionics architecture and operational mission. Efforts include but are not limited to performance assessment, test support, performance monitoring, interoperability testing, cybersecurity assessments, and the development of CNS/ATM capabilities for unmanned platforms. Currently, the COE supports all AF System Program Office work to modernize interfaces that support GPS M-Code, ARC-210 replacements, SATCOM upgrades, and performance based navigation.

The COE performs periodic and event driven audits of National Geospatial-Intelligence Agency (NGA) Digital Aeronautical Flight Information File (DAFIF). This electronic navigation database contains critical safety of flight information used by the majority of DoD flight crews to fly Instrument Flight Rules (IFR) procedures, safely navigate airways and fly Instrument Approach Procedures (IAPs) to civil and military airfields worldwide.

The FY 2026 request was reduced by \$0.590 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."

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305099F I Global Air Traffic Management (GATM)				
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		5.031	5.151	5.283	0.000	5.283
Current President's Budget		4.928	5.151	4.257	0.000	4.257
Total Adjustments		-0.103	0.000	-1.026	0.000	-1.026
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.103	0.000			
• Other Adjustments		0.000	0.000	-1.026	0.000	-1.026
Change Summary Explanation						
FY 2026 funding request decreased by \$1.026 million for reduced contractor support (\$0.590 million) and economic adjustment factors.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: CNS/ATM COE Administration of DoD Avionics Equipment Catalog (CNS/ATM II)				0.164	0.170	0.206
Description: In accordance with AFPAM 63-129 Section 2.7.7 and AFI 63-101 Section 5.4.6.2, maintain a centralized pre-approved products CNS/ATM II Catalog for use by implementing aircraft SPOs to include but not limited to navigation safety avionics equipment/components, navigation data, and technical engineering services for numerous DoD, US Federal Agencies, and Foreign Military Sales program offices. Provide preferred customer pricing and extended warranty.						
FY 2025 Plans: Continue maintenance, update and administration of the pre-approved products for the CNS/ATM II catalog to include but not limited to new transponder products and monitor Federal and Military CNS/ATM mandates.						
FY 2026 Plans: Continuation of maintenance, update and administration of the pre-approved products for the CNS/ATM II catalog to include but not limited to new transponder products and monitor Federal and Military CNS/ATM mandates.						
FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305099F <i>I Global Air Traffic Management (GATM)</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Funding increased due to additional engineering activities.				
Title: CNS/ATM COE Digital Aeronautical Flight Information File (DAFIF) Management Description: Perform periodic audits of the processes and procedures utilized by organizations involved in the development and distribution of critical safety of flight electronic databases used by aircrews to fly instrument flight rules procedures worldwide. Ensures the validity of multiple sources of information critical to implementation of international performance based navigation (PBN) standards. FY 2025 Plans: Continue interface with DoD agencies and the FAA to audit/certify electronic navigational databases and develop performance-based procedures required to operate without restriction in the National Airspace System (NAS) and in international civil aviation environments necessary for manned and remotely piloted aircraft globally. FY 2026 Plans: Continuation of interface with DoD agencies and the FAA to audit/certify electronic navigational databases and develop performance-based procedures required to operate without restriction in the National Airspace System (NAS) and in international civil aviation environments necessary for manned and remotely piloted aircraft globally. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to reduced auditing activities.		2.331	2.274	1.594
Title: CNS/ATM COE Standards Bodies Engagement and Generic Performance Matrix (GPM) Development Description: Participate in technical forums to understand and influence civil aviation standards and incorporate DoD interests to ensure safe and efficient access of AF manned and unmanned aircraft to the global airspace. Create new and/or revise GPMs used by AF platform program offices to ensure aircraft comply with civil aviation requirements. Tailor GPMs for program offices to apply standards to unique aircraft avionics architectures. Assist 30+ aircraft program offices with the development of CNS/ATM related test and evaluation plans, the analysis of test/performance data, and the assessment of aircraft CNS/ATM performance through preparation of a Performance Assessment Report (PAR). FY 2025 Plans: Continued development of generic and tailored performance matrices to ensure Air Force manned and remotely piloted aircraft are capable and certified to operate safely and efficiently in worldwide civil airspace in accordance with emerging performance based CNS/ATM requirements. test and design reviews, analysis of test/performance data, and performance assessment reports, and provide deliverable products to include but not limited to Technical Performance Matrices (TPM) or PAR. FY 2026 Plans:		2.433	2.707	2.457

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305099F <i>I Global Air Traffic Management (GATM)</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Continuation of development of generic and tailored performance matrices to ensure Air Force manned and remotely piloted aircraft are capable and certified to operate safely and efficiently in worldwide civil airspace in accordance with emerging performance based CNS/ATM requirements, test and design reviews, analysis of test/performance data, and performance assessment reports, and provide deliverable products to include but not limited to Technical Performance Matrices (TPM) or PAR.				
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to reduced contractor support.				
Accomplishments/Planned Programs Subtotals		4.928	5.151	4.257
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy This program provides analytical services and technical experts that support the Air Force Life Cycle Management Center (AFLCMC) Aerospace Management Systems Division (AMSD), and the designated Air Force (AF) Communications, Navigation, Surveillance/Air Traffic Management (CNS/ATM) and Navigation Safety Center of Excellence (COE). These services are acquired via the issuance of task/delivery orders against available CNS/ATM COE contracts. In accordance with AFPAM 63-129 Section 2.7.7, the CNS/ATM COE maintains a centralized Indefinite Delivery/Indefinite Quantity (ID/IQ) contracts for CNS/ATM hardware and software procurement for use by implementing aircraft SPOs.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305099F / Global Air Traffic Management (GATM)				Project (Number/Name) 674689 / Global Access Architecture					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
GATM CNS/ATM Prime Contracts	C/CPAF	Not specified. : TBD	-	0.065	Oct 2023	0.067	Oct 2024	0.040	Dec 2025	-		0.040	-	-	-
Subtotal			-	0.065		0.067		0.040		-		0.040	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical support for CNS/ATM requirement assessments, GPM development, DAFIF navigation data chain audits/certification, and CNS/ATM ID/IQ contract management.	C/T&M	MITRE : Bedford, MA	-	2.668	Oct 2023	2.707	Oct 2024	2.457	Dec 2025	-		2.457	-	-	-
Technical support for operational requirement assessments, GPM development, DAFIF navigation data chain audits/certification, and CNS/ATM ID/IQ contract management.	C/CPFF	Oasis Systems : Lexington, MA	-	2.095	Jul 2024	2.264	Jul 2025	1.594	Apr 2026	-		1.594	-	-	-
Subtotal			-	4.763		4.971		4.051		-		4.051	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs	Various	Various : Bedford, MA	-	0.100	Oct 2023	0.113	Oct 2024	0.166	Oct 2025	-		0.166	-	-	-
Subtotal			-	0.100		0.113		0.166		-		0.166	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025						
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305099F / Global Air Traffic Management (GATM)					Project (Number/Name) 674689 / Global Access Architecture							
					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					-	4.928		5.151		4.257		-		4.257	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)									
3600 / 7					PE 0305099F / Global Air Traffic Management (GATM)					674689 / Global Access Architecture									

	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
CNS/ATM COE																												
Generic Performance Matrix Development																												
DAFIF Management																												
CNS/ATM iGATM II Contract Administration																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305099F / Global Air Traffic Management (GATM)	Project (Number/Name) 674689 / Global Access Architecture	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CNS/ATM COE				
Generic Performance Matrix Development	3	2024	4	2030
DAFIF Management	3	2024	4	2030
CNS/ATM iGATM II Contract Administration	3	2024	2	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305103F I Cyber Security Initiative							
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	0.000	0.000	0.304	0.310	0.000	0.310	-	-	-	-	-	-
671931: TECH SURVEIL COUNTER MEAS EQPT	0.000	0.000	0.304	0.310	0.000	0.310	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Integrate MDCO network sensor collections and analytical capabilities to enable data sharing.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver Cyber Security Initiative capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605831F, 0605827F, 0605828F, 0605829F, 0605832F, 0605833F, 0605898F, 0606398F. In FY25 \$0.0M was expended and in FY26 \$0.0M is forecasted for civilian pay expenses in this program element.												
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												
B. Program Change Summary (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total				
Previous President's Budget				0.301	0.304	0.311	0.000	0.311				
Current President's Budget				0.000	0.304	0.310	0.000	0.310				
Total Adjustments				-0.301	0.000	-0.001	0.000	-0.001				
• Congressional General Reductions				-0.301	0.000							
• Congressional Directed Reductions				0.000	0.000							
• Congressional Rescissions				0.000	0.000							
• Congressional Adds				0.000	0.000							
• Congressional Directed Transfers				0.000	0.000							
• Reprogrammings				0.000	0.000							
• SBIR/STTR Transfer				0.000	0.000							
• Other Adjustments				0.000	0.000	-0.001	0.000	-0.001				
C. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: Tech Surveill Counter Mess Equipment									0.000	0.304	0.310	
Description: CI Process Exploit Dissemination (PED)												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305103F I Cyber Security Initiative		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
FY 2025 Plans: Continue to integrate MDCO network sensor collections.				
FY 2026 Plans: Will continue to integrate MDCO network sensor collections.				
FY 2025 to FY 2026 Increase/Decrease Statement: Increase between FY 2025 and FY2026 will fund inflation of requirements.				
Accomplishments/Planned Programs Subtotals		0.000	0.304	0.310
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy Integrate MDCO sensor collection and analysis.				
Acquisition strategy for program efforts will be assessed as program requires. Competitive contracts will be used to the maximum extent possible.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305103F / Cyber Security Initiative						Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Sensor Collection Development	C/CPAF	Perspecta (Peraton) : Reston, VA	-	0.000	Apr 2024	0.304	Apr 2025	0.310	Apr 2026	-		0.310	-	-	-
Subtotal			-	0.000		0.304		0.310		-		0.310	-	-	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			-	0.000		0.304		0.310		-		0.310	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305103F / Cyber Security Initiative		Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT	

	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
CI Process Exploit Dissemination (PED) System Development																												
Analysis of MDCO sensor integration																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305103F / Cyber Security Initiative	Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CI Process Exploit Dissemination (PED) System Development				
Analysis of MDCO sensor integration	1	2025	4	2030

Note
Integrate MDCO sensor collection and analysis.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305111F I Weather Service							
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	0.000	52.701	40.782	30.509	0.000	30.509	-	-	-	-	-	-
672738: Weather Service	0.000	52.701	40.782	30.509	0.000	30.509	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This budget activity funds the operational development necessary to acquire and modernize Air Force Weather Service [AFWS] capabilities in support of the 2022 National Defense Strategy's [NDS] three lines of effort. To improve readiness for a more lethal force, AFWS provides timely, accurate, resilient, and relevant environmental information to enable global battle-space situational awareness for the Air Force [AF], Army, Special Operations Forces [SOF], Space Force [USSF], combatant commands, the Intelligence Community [IC], and other government agencies. AFWS provides extreme weather impacts and assessments, as well as space and terrestrial weather sensing, forecasting, and weather analytic capabilities, at home station and deployed, in order to deliver critical environmental information in support of decision makers to gain the asymmetric advantage during the full spectrum of air and space combat operations. AFWS decreases the risk to mission and risk to force by increasing the lethality, effectiveness, and survivability of Department of Defense [DoD] weapon systems. To strengthen alliances and partnerships, AFWS development efforts integrate DoD, government agency, commercial, and international partner environmental data and software with AFWS information systems for processing, storing, exploiting, and disseminating all-domain weather information for analysis, forecasting, mission integration, and greater interoperability. To ensure greater performance and affordability for the Department of the AF, AFWS sensors and information systems are being modernized through improvements to architecture and system efficiency, cybersecurity, joint all-domain command and control [JADC2] and sensing grid integration, environmental sensor development, migration to cloud computing, artificial intelligence and machine learning [AI/ML] initiatives, and expanding agile software development, rapid delivery, and integration practices. The AF Weather Enterprise digital transformation and cloud migration effort modernizes key capabilities providing the military advantage to accurately predict environmental impacts optimizing mission planning, targeting, weaponeering, mission execution, battle damage assessment, and space systems operations. AFWS aligns activities under four capability areas: Weather Data Collection, Weather Data Analysis and Dissemination, Weather Forecasting, and Product Tailoring/Warfighter Applications [PTWA]. This alignment ensures an integrated and systems-oriented approach to program management and technical baseline decisions. All four capability areas are addressed by APPN 3600, BA 07, PE 0305111F, Project 672738 - Weather Service. Weather Data Analysis [WDA] Increment 5 and Weather Applications Rapid Production [WARPspeed] programs of record are Software Acquisition Pathway Programs.

1. Weather Data Collection provides automated atmospheric and ground-based space environmental sensing capabilities at fixed and deployed locations worldwide. The data gathered by multiple sensor systems is exploited for environmental battlespace awareness, characterization, safety of flight, resource protection, and satellite anomaly assessments and impacts.

2. Weather Data Analysis and Dissemination provides a multi-level security classification and cybersecure cloud computing-based platform supporting large-scale environmental data ingest, processing, and product generation, Continuous Integration/Continuous Delivery [CI/CD] and AI/ML environments for AFWS software development and deployment, and machine-to-machine dissemination of specific, mission-tailored weather data on-demand to support warfighter operations, weapon

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305111F I Weather Service	
system interoperability, rapidly integrating into C2 nodes, and shortening the Combatant Commander kill chain. The Weather Data Analysis and Dissemination capability area includes activities for Weather Data Analysis Increment 5 [WDA Inc 5].		
3. Weather Forecasting provides global and regional advanced scientific numerical weather and extreme weather prediction capabilities for automated, high-resolution forecast products supporting mission planning and execution with an emphasis on clouds, theater scale weather, aerosol/chemical constituents, hydrology, machine learning, and space environmental characterization. Weather Forecasting includes activities for Numerical Weather Modeling [NWM]		
4. Product Tailoring Warfighter Applications [PTWA] develops and modernizes software applications that provide and enhance environmental information to support rapid warfighter decision-making. PTWA includes the program, Weather Applications Rapid Production [WARPspeed], which is a suite of software applications developed and delivered across multiple security classification levels. WARPspeed encompasses weather workflow tools and decision aids used to tailor terrestrial and space environmental information, which include both Forecaster-in-the-Loop [FITL] and automated machine-to-machine processes enhanced by AI/ML. WARPspeed leverages the WDA Inc 5 cloud computing, data processing, and CI/CD and AI/ML platforms to rapidly develop, deliver, and sustain software capabilities, whether deployed into the AF Weather Virtual Private Cloud [AFW-VPC] and to warfighter processing nodes at the edge.		
Activities include research and analysis to support current program planning. Management Service costs include Federally Funded Research and Development Centers [FFRDC] and Advisory and Assistance Service [A&AS].		
This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, SEC 240-D.		
This program element may include necessary civilian pay expenses required to manage, execute, and deliver Weather Service capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0.264M was expended for civilian pay expenses in this program element, and in FY25 \$0.337M is forecasted for civilian pay expenses in this program element.		
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025				
Appropriation/Budget Activity		R-1 Program Element (Number/Name)						
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0305111F I Weather Service						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		26.329	31.372	29.699	0.000	29.699		
Current President's Budget		52.701	40.782	30.509	0.000	30.509		
Total Adjustments		26.372	9.410	0.810	0.000	0.810		
• Congressional General Reductions		0.000	0.000					
• Congressional Directed Reductions		0.000	-1.590					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		25.000	11.000					
• Congressional Directed Transfers		0.000	0.000					
• Reprogrammings		3.132	0.000					
• SBIR/STTR Transfer		-1.760	0.000					
• Other Adjustments		0.000	0.000	0.810	0.000	0.810		
Congressional Add Details (\$ in Millions, and Includes General Reductions)								
Project: 672738: Weather Service								
Congressional Add: Air Force Weather Transformation								
Congressional Add: Machine Learning Global Weather Forecasting								
Congressional Add: Weather Wing Data Migration								
Congressional Add: Operationalizing the Stratosphere								
Congressional Add: Flood Mapping								
Congressional Add Subtotals for Project: 672738								
Congressional Add Totals for all Projects								
Change Summary Explanation								
FY26 funds increased \$.810M to fund stratospheric modeling capability disconnect.								
FY25 funds increased \$11.000M due to congressional adds. FY25 Funds decreased due to a \$1.590 cut due to climate-coded funds. Congressional Directed Reductions matches marks from enacted appropriation bill.								
FY24 funds increased \$25M due to Congressional Adds and \$3.13M Reprogramming and decreased \$1.76M due to SBIR/STTR tax.								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Fixed Base Weather System (FBWS)				0.000	0.000	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305111F I Weather Service				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Integration and test of advanced sensing components to include extreme weather power sources, aerosols, cloud height, low-level wind shear and optical turbulence. FY 2025 Plans: N/A FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A						
Title: Expeditionary Weather (ExMet) Description: Funding enables rapid fielding of Air Force Weather's Joint All-Domain Command and Control (JADC2) system of systems solution that supports mission specific launch and recovery operations via multi and single person UTCs. ExMet systems and capabilities address AF expeditionary operations needs highlighted in the 2022 NDS and AF/A3 Functional Concept for Expeditionary Weather operations. FY24-26 funding continues integration of components and applications into ExMET systems which was previously enabled by SBIR funding. FY 2025 Plans: \$.680M. Funding will support component integration as well as functionality modifications and testing of component sensor systems in particular the Integrated Weather Observing System (IWOS). FY 2026 Base Plans: \$571K. Funding will support component integration as well as functionality modifications and testing of component sensor systems, in particular the edge node AI/ML local weather model and compute hardware. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased \$668K due to small changes in requirements, modifications, and test scope.		1.737	0.680	0.571	0.000	0.571
Title: Portable Doppler Radar (PDR)		0.000	0.148	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305111F I Weather Service				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Development testing and minor modifications of phase-array weather radar prototype. FY 2025 Plans: \$148K. Testing of phase-array radar prototype. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to completed phase-array weather radar software maturation and cyber development						
Title: Weather Data Analysis Increment 5 (WDA Inc 5) Description: WDA Inc 5 continues development and modernization of a cloud computing-based platform enabling agile software development via a CI/CD pipeline which enables rapid fielding and updates to functionality and security measures. The WDA Inc 5 cloud computing platform also provides an enterprise big data analytics capability and AI/ML platform, as well as supporting and funding development and deployment of web services, data management, platform monitoring, application on-boarding, and platform user management. Finally, the program will provide a classified cloud computing platform, in addition to the existing unclassified capability, that communicate directly with C2 customers. FY 2025 Plans: \$6.022M. Funding will support cyber security automation, data transformations, and new satellite data integration to the AFW-VPC platform as well as SIPRnet and JWICS initial functions. FY 2026 Base Plans: \$6.403M. Funding will support cyber security automation, data transformations, and new satellite data integration to the AFW-VPC platform as well JADC2 and IC integration. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement:		3.954	6.022	6.403	0.000	6.403

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305111F I Weather Service				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Funding increased \$381K due to increased technical support required for JADC2 and IC integration.						
Title: Numerical Weather Modeling (NWM) Description: NWM develops and integrates physics and machine learning-based analysis and forecast models to include atmospheric, hydrology, and land characterization. NWM also provides data and products used to issue advisories and warnings for DoD resource protection, as well as DoD and IC mission planning. NWM integrates with the Air Force Weather Weapon System's Weather Data Analysis (WDA) Inc 5 processing centers to analyze and predict weather phenomena. FY 2025 Plans: \$14.694M. Continue METSAT exploitation and integration efforts for cloud forecasting applications, terrain modeling, model code optimization, model blending, hydrology prediction, and AI/ML-based contrail analysis and prediction. Begin classified modeling development. FY 2026 Base Plans: \$14.582M. Continue model code optimization, model blending, hydrology prediction, AI/ML-based contrail analysis and prediction, and classified modeling development. Begin new aerosol model and achieve. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased \$112K to support A&AS and FFRDC reductions.		14.564	14.694	14.582	0.000	14.582
Title: Weather Applications Rapid Production (WARPspeed) Description: WARPspeed develops and delivers a suite of software applications across multiple security classification levels to provide and enhance environmental intelligence to support rapid warfighter decision making. Major software developments include: the BIFROST Portal, Mission Services, Enterprise Workflow Applications (EWA), 14th Weather Squadron (14WS) applications, and weather C2 visualization plug-ins and integration. FY 2025 Plans: \$8.238M. Continue BIFROST Portal development and mission-focused weather workflow applications for weather and non-weather operators, 14WS applications, and C2 integration. FY 2026 Base Plans:		8.362	8.238	8.953	0.000	8.953

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305111F I Weather Service				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
\$8.953M. Continue BIFROST Portal development and mission-focused weather workflow applications for weather and non-weather operators, 14WS applications, and C2 integration. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased \$715K due to portal development efforts.						
Accomplishments/Planned Programs Subtotals		28.617	29.782	30.509	0.000	30.509
		FY 2024	FY 2025			
Congressional Add: Air Force Weather Transformation FY 2024 Accomplishments: \$9.634M. Added systems engineering and data processing staff to the WDA Increment 5 development team to accelerate Air Force Weather's cloud migration. Partnered with University of Maine for cold/extreme environment engineering research and development for weather sensor systems. Partnered with Roux Institute/Northeastern University for enhanced ensemble forecast visualizations. Continued AI/ML-based modeling efforts. FY 2025 Plans: \$5.000. Continue the Weather Engineering Research Facility Project with the University of Maine, which directly addresses the critical need for reliable and resilient weather sensing capabilities in the rapidly changing Arctic, a region of increasing strategic importance to the Department of Defense. The tasks performed on the contract focus on various aspects of the AF Weather Virtual Private Cloud (AFW VPC) in support of the DoD Digital Engineering Strategy. Funding will be added to a follow-on AF Weather Transformation contract.		9.634	5.000			
Congressional Add: Machine Learning Global Weather Forecasting FY 2024 Accomplishments: \$5.780M. Continued AI/ML weather forecast applications development. Upgraded/modernized High Performance Computer System 11 via designing and implementing an AI/ML algorithm training environment. FY 2025 Plans: N/A		5.780	0.000			
Congressional Add: Weather Wing Data Migration FY 2024 Accomplishments: \$8.670M. This is a new effort to provide RDT&E funds to USAF under PE 35111F which will enable acceleration of USAF Weather's on-going migration from weather data processing at multiple		8.670	0.000			

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305111F / <i>Weather Service</i>	
		FY 2024	FY 2025
data centers to cloud computing as known as the AF Weather Virtual Private Cloud (AFW VPC). The plan is to execute the FY24 Cloud Migration funds via establishing a new Task Order on the existing Technology Application Development and Sustainment (TADS) competitively awarded contract with SAIC and executed from Offutt AFB, NE. - Tasks include: - Re-instantiating and optimizing Machine-to-Machine (M2M) data request interfaces in the AFW VPC and developing a capability to re-direct current system requests from the on-premises data center to the AFW VPC. - Assisting current system owners that are leveraging legacy on-premises M2M to transition to AFW VPC M2M services. - Instantiating a 557WW software development environment in the AFW VPC. - Generate digital metric displays, messages, and reports within the AFW VPC that measure operational data and standards to address, protect, and characterize Air Force Weather Weapon System (AFWWS) assets and mission to achieve performance objectives. FY 2025 Plans: N/A			
Congressional Add: Operationalizing the Stratosphere FY 2024 Accomplishments: N/A FY 2025 Plans: \$2.000M. The RDT&E funds being provided to the USAF under PE 35111F will enable the acceleration of USAF Weather's effort to increase the model top of the Model for Prediction Across Scales (MPAS), a weather prediction model, and Joint Effort for Data assimilation Integration (JEDI), a weather data assimilation framework. The effort will increase the model top from 30km to 70km and increase the vertical fidelity of the model in the stratosphere in support of DoD capabilities operating/transiting through the middle atmosphere. Additionally, a portion of the funding will be used to continue efforts with Windborne on High Altitude Balloons (HABs) to capture data in the stratosphere and integrate the data into the MPAS and JEDI.		0.000	2.000
Congressional Add: Flood Mapping FY 2024 Accomplishments: N/A FY 2025 Plans: \$4.000M. The RDT&E funds being provided to the USAF under PE 35111F will enable the acceleration of USAF Weather's development of a global flood mapping and forecasting tool. Oak Ridge National Laboratory (ORNL) has developed the Two-dimensional Runoff Inundation Toolkit for Operational Needs (TRITON), an open-source, GPU-accelerated inundation model developed in collaboration with USAF to expand global hydrology forecasting capabilities. The TRITON model is unique in that it accounts for both riverine and		0.000	4.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305111F I Weather Service							
					FY 2024		FY 2025					
flash floods. ORNL continues to work on extending and enhancing the inundation model capabilities and is currently working on a project to assess flood vulnerability at select DoD installations, including Offutt Air Force Base.												
Congressional Adds Subtotals					24.084		11.000					
D. 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
• OPAF 03 Line Item 833070: Weather Observation Forecast		27.530	31.056	31.516	-	31.516	-	-	-	-	-	-
Remarks												
OPAF Line includes 3080 procurement. Outer years (FY27-30) are zeroed to match R-doc/P-doc submission guidance for 13 June 25 OMB submission.												
E. Acquisition Strategy												
AF Weather has adopted a CI/CD approach to delivering capabilities rapidly and routinely using multiple contracts to support a family of systems through development, fielding and sustainment.												
Cost Plus contracts are utilized for software development and sustainment and Firm Fixed Price contracts for Commercial-off-the-shelf [COTS] systems and Contract Logistics Support [CLS] efforts. Pre-competed General Services Administration [GSA], Defense Logistics Agency, and Defense Micro-Electronics Activity [DMEA] contract vehicles are leveraged when appropriate, and competitive and small-business awards are favored, as well as focused partnerships with select universities and government organizations with weather, AI/ML, and data sciences expertise.												
Air Force Weather Weapons System (AFWWS) is managed by Air Force Program Executive Officer for Electronic Systems. They manage the ground-based atmospheric sensing and data analysis, atmospheric forecast systems, and PTWA.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305111F / <i>Weather Service</i>	Project (Number/Name) 672738 / <i>Weather Service</i>

Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ExMet	C/CPAF	Not specified. : TBD	-	1.719	Mar 2024	0.613	Mar 2025	0.393	Mar 2026	-		0.393	-	-	-
WDA INC 5, Develop web service, big data analytics, and ML/AI platform capabilities	C/CPAF	NextGen Federal Systems : Morgantown, WV	-	3.013	Feb 2024	5.106	Feb 2025	4.951	Feb 2026	-		4.951	-	-	-
WARPspeed (BIFROST, Mission Services, GSWR)	Various	Various : Various	-	7.396	Feb 2024	7.072	Feb 2025	7.556	Feb 2026	-		7.556	-	-	-
NWM - Develop and improve data assimilation techniques, system/ software optimization, and expanded system ingest/ integration for enhanced modeling capabilities	Various	Various : Various	-	13.043	Jan 2024	12.349	Jan 2025	12.320	Jan 2026	-		12.320	-	-	-
Portable Doppler Radar	C/CPAF	AgileRF Systems : Eerthoud, CO	-	-		0.126	May 2025	-		-		-	-	-	-
Air Force Weather Transformation	Various	Various : Various	-	9.634	Aug 2024	5.000	Jul 2025	-		-		-	-	-	-
Machine Learning Global Weather Forecasting	Various	Various : Various	-	5.780	Aug 2024	-		-		-		-	-	-	-
Weather Wing Data Migration	C/CPAF	Not specified. : TBD	-	8.670	Aug 2024	-		-		-		-	-	-	-
Flood Mapping	Various	Various : Various	-	-		4.000	Oct 2025	-		-		-	-	-	-
Operationalizing the Stratosphere	Various	Various : Various	-	-		2.000	Sep 2025	-		-		-	-	-	-
Subtotal			-	49.255		36.266		25.220		-		25.220	-	-	N/A

Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
46th TS/JITC AFLCMC	WR	46 TS : Offutt AFB, NE	-	0.000	Dec 2023	0.387	Dec 2024	0.312	Dec 2025	-		0.312	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305111F / Weather Service				Project (Number/Name) 672738 / Weather Service					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	0.000		0.387		0.312		-		0.312	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration AFLCMC	C/CPFF	AFLCMC : Hanscom AFB, MA	-	3.446	Oct 2023	4.129	Oct 2024	4.977	Oct 2025	-		4.977	-	-	-
Subtotal			-	3.446		4.129		4.977		-		4.977	-	-	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			-	52.701		40.782		30.509		-		30.509	-	-	N/A
Remarks															
Reduced Numerical Weather Modeling by \$2.672M cut. Working impacts and potential reprioritization amongst PE 35111F															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0305111F / Weather Service						Project (Number/Name) 672738 / Weather Service			

	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
Weather Service																												
Weather Data Analysis Inc 5 Build A Deliveries																												
Weather Data Analysis Inc 5 Build B Deliveries																												
WARPspeed Build A Deliveries																												
WARPspeed Build B Deliveries																												
Numerical Weather Modeling Deliveries																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305111F / Weather Service	Project (Number/Name) 672738 / Weather Service	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Weather Service				
Weather Data Analysis Inc 5 Build A Deliveries	1	2024	4	2024
Weather Data Analysis Inc 5 Build B Deliveries	1	2024	4	2028
WARPspeed Build A Deliveries	1	2024	4	2024
WARPspeed Build B Deliveries	1	2024	4	2028
Numerical Weather Modeling Deliveries	1	2024	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305114F I Air Traffic Control, Approach, and Landing System (ATCALs)							
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	0.000	25.910	15.143	17.259	0.000	17.259	-	-	-	-	-	-
673587: Air Traffic Control System	0.000	25.910	15.143	17.259	0.000	17.259	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

To support the Air Force worldwide flying mission, the Air Traffic Control and Landing System (ATCALs) program element funds research, development, and management of fielded and emerging air traffic control communications, surveillance, automation, positioning, and precision approach and landing systems. ATCALs programs are focused on development of technology and strategies to support Agile Combat Employment (ACE) adaptive basing and agile basing concepts of operation as well as modernizing airfield operations to ensure enduring, resilient, efficient, and safe air operations. ATCALs also pursues opportunities in the organization, training, and equipping of ATC associated career fields and any new civil ATCALs technologies that may have military utility.

ATCALs currently includes three programs: Air Traffic Control (ATC) Future Technology (AFT), development of a Man-Portable (MP) Tactical Navigation (TACAN) Electronically Scanned Antenna (ESA), and development of a Multi-Function Tactical Radar System (MTRS).

1. AFT is a multi-project program focused on identifying and documenting capability gaps and associated future technologies in multiple areas of aircraft launch and recovery for both fixed and expeditionary operations. These gaps and technologies will be outlined in a bridging strategy, capability-based assessments, and capability roadmaps.

FY26 AFT research and development programs span multiple projects that include the following:

- The Small Footprint Precision Approach and Landing Capability (SF-PALC) effort aims to reduce the footprint, transport and set-up time for delivering instrument landing system capabilities in an Agile Combat Employment (ACE) Environment. This effort is developing and comparing a Lightweight Deployable Instrument Landing System (LD-ILS) and a Mode-5 (Identification Friend or Foe) capable Tactical Transponder Landing System (TTLS).
- The Flight Inspection Drone project purchases two prototype systems for evaluation against Federal Aviation Administration (FAA) and Air Force flight inspection requirements. The goal is to reduce flight inspections, fuel costs, and inspection time while also reducing exposure in a contested environment.
- The Tactical ATC Command and Control (C2) Operating Systems (TACOS) will automate and display sensor feeds and includes the communication radios and voice switch needed by controllers to communicate to host nations, other agencies and aircraft.

As these and other technologies and architectures mature, any applicable fixed-base or deployable, ground-system upgrades will be coordinated and fielded concurrently with related manned and unmanned aircraft avionics capabilities as required. When implemented, these efforts will enable DoD aircraft to enhance safety, security, efficiency, and affordability of global flight operations.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305114F I Air Traffic Control, Approach, and Landing System (ATCALs)				
2. The Man Portable-Tactical Navigation (MP-TACAN) Electronically Scanned Antenna (ESA) will replace the MP-TACAN mechanical rotating antenna. It will improve system reliability and reduce system weight. The MP-TACAN provides aircraft with point-to point navigating and instrument flight approaches to operating sites/landing zones and is critical to mission success in adverse weather conditions and Global positioning System denied operations.						
3. The Multi-function Tactical Radar System (MTRS) will be capable of supporting Air Traffic Control (ATC) surveillance and communication, weather alerts, small Unmanned Arial System (sUAS) detection, and air base air defense situational awareness. It replaces the unsupportable legacy (1970's-era) AN/TPN-19 and MPN-14K mobile ATC systems, the last of which will be decommissioned in 2027.						
FY26 request was reduced by 0.258 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 Initiatives.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0.162M was expended for civilian pay expenses in this program element, and in FY25 0.000 is forecasted for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		8.751	15.143	17.883	0.000	17.883
Current President's Budget		25.910	15.143	17.259	0.000	17.259
Total Adjustments		17.159	0.000	-0.624	0.000	-0.624
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		18.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.841	0.000			
• Other Adjustments		0.000	0.000	-0.624	0.000	-0.624
Change Summary Explanation						
FY24 congressional adds included \$15.0M for Mobile Air Traffic Surveillance System and \$3.0M for Infill Radar Windfarm Coverage.						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305114F I Air Traffic Control, Approach, and Landing System (ATCALs)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Air Traffic Control (ATC) Future Technologies (AFT) Description: Focus is on aircraft launch and recovery, airspace interoperability, expeditionary technology development and prototyping, optimization of flight capability and adherence to safety of flight mandates. Air Traffic Control (ATC) Future Technologies (AFT) will continue coordination with the Air Force Flight Standards Agency (AFFSA) and the Federal Aviation Administration (FAA) to develop ATC radar systems and evaluate technologies supporting multiple functions such as Airfield Operations and systems operating in a tactical environment. FY 2025 Plans: Continue AFT Analyses and Research to drive innovation for the Airfield Operations community which include the following tasks: - Complete the Lightweight Deployable-Instrument Landing System (LD-ILS) glide-slope antenna test and evaluation - Exercise a contract option to design and analyze a LD-ILS localizer antenna - Continue engineering effort to reduce the size of an alternative LD-ILS glide-slope antenna - Complete evaluation of Tactical Transponder Landing System (TTLS) with mode-5 identification of friend or foe capability. - Complete Multi-Function Tactical Radar System (MTRS) transition to a stand-alone program in FY25. - Complete the Man Portable Tactical Navigation (MP-TACAN) High Powered Amplifier (HPA) design and qualification testing - Prototype testing of Flight Inspection drone technology - Demonstrate the Tactical Air Traffic Control (ATC) Command and Control C2 Operating System (TACOS) Concept of Operation (CONOPS) to include Mobile Air Traffic System (MATS). FY 2026 Base Plans: - Will begin mechanical packaging of the complete LD-ILS into a more compact, deployable end-item - Will begin test and evaluation of flight inspection drones - Will perform an early operational assessment of MATS - Will continue development of MATS automation, fusion, and computer-human interface software to improve integration and interoperability between Multi-Function Tactical Radar System (MTRS) and the cloud-based		23.950	7.283	7.184	0.000	7.184

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305114F I Air Traffic Control, Approach, and Landing System (ATCALs)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
command and control (CBC2) environment to keep pace with evolving concept development in the field of expeditionary Air Traffic Control, Air Battle Management, and Air base Air Defense FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: - FY26 increase due to inflation						
Title: Man-Portable Tactical Navigation Electronically Scanned Antenna (MP-TACAN ESA) Description: Develops new electronically scanned antenna to replace the existing MP-TACAN mechanical antenna. The new antenna will reduce system weight, improve reliability, and extend battery life. The Development and Test Effort includes one prototype antenna and three additional antennas for qualification testing. The MP-TACAN provides aircraft with point-to-point navigation and instrument flight approaches to forward operating sites/landing zones, and is critical to mission success in adverse weather conditions. It replaces 40+ year old legacy systems that are no longer supportable. The MP-TACAN also supports the 2022 NDAA and 2022 National Defense Strategy for rapidly deployable, adaptive, and scalable family of systems. A total of 68 systems will be procured (58 for the Active Duty and 10 for the Air National Guard). FY 2025 Plans: - Conduct system final test and evaluation - Begin integration into the MP-TACAN replacement procurement to replace mechanically rotating antennas FY 2026 Base Plans: No FY26 funds requested. Program complete Begin integration and transition into the MP-TACAN replacement procurement to replace mechanically reotating antennas; MP-TACAN program to fund this effort. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement:		1.960	0.000	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305114F I Air Traffic Control, Approach, and Landing System (ATCALs)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- N/A - last year of funding in FY24.						
Title: Multi-Function Tactical Radar System (MTRS) Description: This is a multi-function ATC surveillance sensor to support expeditionary operations. Supports Air Traffic Control Surveillance, Battle Management Command and Control (BMC2), precision approach, air defense, force protection and weather processing missions. This new multifunction ATC radar will have a lower total footprint and lifecycle costs. The MTRS program captures the ATC Future Technologies (AFT) MTRS technology demonstration results and continues system development as a stand-alone program. FY 2025 Plans: MTRS is on track to obtain approval of it's Acquisition Strategy Plan (ASP) to stand up as a Program of Record (POR) and continue design maturation with both contractors including work to: - Continue developing critical enabling technologies for MTRS including advanced waveform design, adaptive digital beam forming, AI/ML Tracking Identification and Classification, Resource Manager SIM and array synchronization and calibration - Continue proof of concept and system demonstrations by two competing contractors - Continue documentation for down-select to a single prototype contract award in FY26 FY 2026 Base Plans: - Will conduct downselect and contract award for prototype system - Will manage prototype development - Will begin development of prototype system design, testing, and evaluation test plans - Will begin integration of MTRS sensor with MATS software FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: FY26 funding increase due to prototype development contract award		0.000	7.860	10.075	0.000	10.075
Accomplishments/Planned Programs Subtotals		25.910	15.143	17.259	0.000	17.259

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305114F I Air Traffic Control, Approach, and Landing System (ATCALS)						
D. 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
• OPAF 03 0305114F: Air Traffic Control, Approach, and Landing System	0.006	11.752	11.770	-	11.770	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
Air Traffic Control And Landing Systems (ATCALS) is a basket program element with multiple programs in various stages of acquisition which provide the air traffic control (ATC) infrastructure to support peacetime and wartime missions. The ATC Future Technology (AFT) portfolio is focused on fixed-based and lightweight, scalable, readily deployable ATC equipment to support the National Defense Strategy. Current contracting efforts include, but are not limited to, Man-Portable Tactical Navigation (MP-TACAN), Multi-Function Tactical Radar (MTRS), and Small Footprint Precision Approach Capability (SF-PALC) including Lightweight Deployable Instrument Landing System (LD-ILS) and the Mode-5 (Identification of Friend and Foe) capable Tactical Transponder Landing System (TTLS)											
Contract types include, but are not limited to, full and open competition, Other Transaction Authority (OTA), Small Business Innovative Research (SBIR), Cooperative Research and Development Agreement (CRADA)											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCALs)						Project (Number/Name) 673587 / Air Traffic Control System			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Air Traffic Control Future Technology (AFT) Expeditionary Technology Development and Prototyping	C/FFP	AFLCMC/HBA : Hanscom AFB, MA	-	2.997	Mar 2024	4.630	Mar 2025	4.079	Jan 2026	-		4.079	-	-	-
Man-Portable Tactical Navigation (MP-TACAN) Electronically Scanned Antenna (ESA)	C/FFP	AFLCMC/HBAA : Tinker AFB, OK	-	2.490	Jan 2024	-		-		-		-	-	-	-
Multi-Function Tactical Radar System (MTRS)	C/CPFF	AFLCMC/HBA : Hanscom AFB, MA	-	0.000		4.917	Jul 2025	7.315	Apr 2026	-		7.315	-	-	-
AFT Mobile Air Traffic System (MATS) Demonstration System	SS/CPFF	AFLCLC/HBA : Hanscom AFB, MA	-	12.851	Dec 2024	-		-		-		-	-	-	-
AFT Infill Radar Windfarm Coverage	SS/CPFF	AFLCMC/HBA : Hanscom AFB, MA	-	2.400	Sep 2025	-		-		-		-	-	-	-
Subtotal			-	20.738		9.547		11.394		-		11.394	-	-	N/A
Remarks AFT Expeditionary Technology Development and Prototype: line includes funding for: Multifunction Tactical Radar System (MTRS) (AFT contributions end in FY25 with transition to stand-alone program), Lightweight Deployable Instrument Landing System (LD-ILS), Tactical Transponder Landing System (TTLS) with Mode-5 Identification of Friend or Foe capability, Flight-Inspection Drone development, Tactical Air Traffic Control Command and Control Operating System (TACOS)															
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AFT Research/Analysis	MIPR	FAA : Washington, DC	-	1.480	Dec 2023	1.500	Dec 2024	0.855	Dec 2025	-		0.855	-	-	-
AFT Travel	Various	AFLCMC/HBA : Hanscom AFB, MA	-	0.071	Jan 2024	0.056	Dec 2024	0.065	Dec 2025	-		0.065	-	-	-
AFT Civilian Direct Cite Authorizations	Allot	AFLCMC/FBA : Hanscom AFB, MA	-	0.162	Dec 2023	-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCALS)						Project (Number/Name) 673587 / Air Traffic Control System			
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Multi-Function Tactical Radar System (MTRS) Research/Analysis	TBD	AFLCMC/HBA : Hanscom AFB, MA	-	-		1.491	Jul 2025	1.510	Jan 2026	-		1.510	-	-	-
MTRS Travel	Various	Not specified. : TBD	-	-		0.054	Jan 2025	-		-		-	-	-	-
Subtotal			-	1.713		3.101		2.430		-		2.430	-	-	N/A
Remarks Various contract types, performing activity and city/states are result of the use of Military Interdepartmental Purchase Requests (MIPR), Purchase Requests (PR), Project Orders (PO), etc. that are sent to multiple agencies in support of some tasks.															
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AFT Air Traffic Control and Landing Systems (ATCALS) Operational Test & Evaluation	WR	Various : Various	-	0.139	Jul 2024	0.142	Jul 2025	0.155	Jan 2026	-		0.155	-	-	-
Man Portable Tactical Navigation (MP-TACAN) Government Test	MIPR	Various : Various	-	0.086	Mar 2024	-		-		-		-	-	-	-
AFT COTS Characterization	WR	Various : Various	-	-		0.184	Jun 2025	1.020	May 2026	-		1.020	-	-	-
AFT Mobile Air Traffic System Demonstration System	WR	Various : Various	-	0.850	Feb 2025	-		-		-		-	-	-	-
AFT Infill Radar Windfarm Coverage	WR	Various : Various	-	0.150	Mar 2025	-		-		-		-	-	-	-
Subtotal			-	1.225		0.326		1.175		-		1.175	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCALs)					Project (Number/Name) 673587 / Air Traffic Control System				
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Man-Portable Tactical Navigation (MP-TACAN) Electronically Scanned Antenna Program Support Cost (PSC)	C/CPFF	Various : Tinker AFB, OK	-	0.225	Jul 2024	0.000		0.000		0.000		0.000	-	-	-
AFT Program Support Costs (PSC)	C/CPFF	Various : Hanscom AFB, MA	-	0.909	Jul 2024	0.971	Jul 2025	1.010	Jan 2026	0.000		1.010	-	-	-
Multi-Function Radar System (MTRS) PSC	C/CPFF	Various : Hanscom AFB, MA	-	0.000	Sep 2024	1.198	Dec 2024	1.250	Jan 2026	0.000		1.250	-	-	-
AFT Mobile Air Traffic System (MATS) Demonstration System	C/CPFF	Various : Hanscom AFB, MA	-	0.375	Sep 2024	0.000		0.000		0.000		0.000	-	-	-
AFT MATS Tactical Operation Center (Light)	SS/CPFF	Various : Hanscom AFB, MA	-	0.375	Sep 2024	0.000		0.000		0.000		0.000	-	-	-
AFT Infill Radar Windfarm Coverage	C/CPFF	Various : AFB, MA	-	0.350	Sep 2024	-		-		-		-	-	-	-
Subtotal			-	2.234		2.169		2.260		0.000		2.260	-	-	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			-	25.910		15.143		17.259		0.000		17.259	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCALs)			Project (Number/Name) 673587 / Air Traffic Control System

	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
ATC Future Technology (AFT)																												
AFT Technology Development and Market Research																												
Lightweight Deployable Instrument Landing System (LD-ILS)																												
LD-ILS Glide Slope Antenna Development																												
LD-ILS Localizer Antenna Development																												
LD-ILS Mechanical Packaging																												
Transportable Transponder Landing System (TTLS) (Mode-5 Capable) Prototype Hardware and Software Development																												
TTLS w/ mode-5 field test																												
Small Footprint Precision Approach Landing Capability (SF-PALC) RFP Preparation																												
Mobile Air Traffic System (MATS)																												
MATS Demonstration System Operational Assessment																												
Assess ability to Interface MATS Radar Display Software with Mobile Tactical Radar System (MTRS)																												
Incorporate Results Into TACOS Concept of Operations (CONOPS)																												
Infill Radar Windfarm Coverage and Interference Mitigation																												
Man-Portable TACAN High Power Beacon Antenna (HPPA) Design and Development																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025												
Appropriation/Budget Activity										R-1 Program Element (Number/Name)								Project (Number/Name)										
3600 / 7										PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCALs)								673587 / Air Traffic Control System										
	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
Flight Inspection Drones: technology evaluation to meet flight inspection requirements																												
Man-Portable TACAN Electronically Scanned Antenna																												
Prototype DT&E / Qualification Testing/Tech Orders, Training, Configuration/Physical Audits																												
Middle Tier Acquisition (MTA) Rapid Development Complete																												
Multi-Function Tactical Radar System (MTRS)																												
MTRS Stand Alone Program																												
MTRS Preliminary Design																												
MTRS Development of critical enabling tech																												
MTRS Vendor Demonstrations and Proof of Concept																												
MTRS Downselect and Contract Award																												
MTRS Prototype Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCALs)	Project (Number/Name) 673587 / Air Traffic Control System	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ATC Future Technology (AFT)				
AFT Technology Development and Market Research	1	2024	4	2030
Lightweight Deployable Instrument Landing System (LD-ILS)	1	2024	4	2027
LD-ILS Glide Slope Antenna Development	1	2024	2	2026
LD-ILS Localizer Antenna Development	1	2025	2	2026
LD-ILS Mechanical Packaging	3	2026	3	2028
Transportable Transponder Landing System (TTLS) (Mode-5 Capable) Prototype Hardware and Software Development	1	2024	3	2025
TTLS w/ mode-5 field test	2	2025	3	2025
Small Footprint Precision Approach Landing Capability (SF-PALC) RFP Preparation	2	2027	3	2027
Mobile Air Traffic System (MATS)	4	2024	2	2026
MATS Demonstration System Operational Assessment	1	2025	4	2026
Assess ability to Interface MATS Radar Display Software with Mobile Tactical Radar System (MTRS)	4	2025	4	2026
Incorporate Results Into TACOS Concept of Operations (CONOPS)	1	2026	4	2026
Infill Radar Windfarm Coverage and Interference Mitigation	3	2025	3	2026
Man-Portable TACAN High Power Beacon Antenna (HPPA) Design and Development	1	2024	4	2025
Flight Inspection Drones: technology evaluation to meet flight inspection requirements	1	2025	4	2026
Man-Portable TACAN Electronically Scanned Antenna				
Prototype DT&E / Qualification Testing/Tech Orders, Training, Configuration/Physical Audits	3	2024	4	2025
Middle Tier Acquisition (MTA) Rapid Development Complete	4	2025	1	2026
Multi-Function Tactical Radar System (MTRS)				

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305114F / Air Traffic Control, Approach, and Landing System (ATCAL)	Project (Number/Name) 673587 / Air Traffic Control System	

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
MTRS Stand Alone Program	3	2025	4	2030
MTRS Preliminary Design	3	2025	3	2026
MTRS Development of critical enabling tech	3	2025	3	2026
MTRS Vendor Demonstrations and Proof of Concept	3	2025	4	2026
MTRS Downselect and Contract Award	2	2026	2	2026
MTRS Prototype Development	2	2026	4	2030

Note
Phase I funded under AFT program. MB-MTRS program fund events begin in FY25.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305116F I Aerial Targets							
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	0.000	6.671	6.085	5.081	0.000	5.081	-	-	-	-	-	-
675136: Target Systems Development	0.000	6.671	6.085	5.081	0.000	5.081	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Full-scale Aerial Targets (FSAT), Subscale Aerial Targets (SSAT), and companion Target Control Systems (TCS) assure the effectiveness and currency of warfighter weapon systems to combat real-world enemy fighters and cruise missiles. Aerial targets support adherence to Public Law Title 10, Section 2366, which requires major systems and munitions programs to conduct live fire survivability and lethality testing before full rate production. Targets are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Targets are required for developmental/operational testing for all surface-to-air and air-to-air missiles employed by the F-22A, F-35, F-18, F-16, F-15, among other aircraft. Funding supports simulator development and improvements on the QF-16 FSAT, BQM-167A SSAT, and updates of Target Control Systems and specialized target payload subsystems for requirements such as: missile scoring, electronic attack (EA), infrared (IR) countermeasures, radar/IR signature augmentation, and chaff and flare dispensing systems. Enables analysis, development and prototyping of threat emulations/ simulations, and presentation of evolving threat scenarios and target area environments to prepare for emerging weapons development activities. Development is required to evolve aerial targets and target control capabilities to meet current and future threats. Air Force is the executive agent for full-scale aerial targets.

The Aerial Targets Program leverages and implements tenets of Open, Agile, and Digital acquisition for any new subsystem hardware or software development. Integrates the system in weapon portfolio tradespace studies by conducting trade studies, system engineering, test activities, and prototype and concept development, supporting system modeling and simulation. Builds and refines a mission modeling framework by incorporating higher-fidelity weapon system designs and updates to the threat landscape to conduct ongoing assessment of weapon system performance against the authoritative threat. Invests in analytical, information management, data management, digital environments, and networks directly supporting development and sustainment of this program's capabilities, while leveraging DoD and DAF enterprise IT solutions.

Leverages Digital acquisition tenets of open, agile and digital. This may include providing funds to prime contractors; program office contract support; facility, security and IT upgrades; common component development with other weapon systems to reduce redundant costs.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY25 0.0 million was expended for civilian pay expenses in this program element, and in FY26 0.0 million is forecasted for civilian pay expenses in this program element.

The FY2026 funding request is to modernize the TCS and close existing capability gaps. Modernization, will reduce future infrastructure costs by 67% and incorporate encryption requirements as mandated by DoD. This includes support for increasing simultaneous target C2, increased cybersecurity, extending the C2 range, mitigating

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305116F I Aerial Targets				
target C2 communication frequency encroachment, and reprogramming for use on Government-only frequencies. Additionally, the funding supports the increase of operator / participant situational awareness while expanding payload combinations, enables autonomous terrain following capabilities, and supports the control and integration of future Aerial Targets.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		6.915	7.685	5.098	0.000	5.098
Current President's Budget		6.671	6.085	5.081	0.000	5.081
Total Adjustments		-0.244	-1.600	-0.017	0.000	-0.017
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	-1.600			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.244	0.000			
• Other Adjustments		0.000	0.000	-0.017	0.000	-0.017
Change Summary Explanation						
No Significant Changes						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets				Project (Number/Name) 675136 / Target 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
675136: Target Systems Development	0.000	6.671	6.085	5.081	0.000	5.081	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Full-scale Aerial Targets (FSAT), Subscale Aerial Targets (SSAT), and companion Target Control Systems (TCS) assure the effectiveness and currency of warfighter weapon systems to combat real-world enemy fighters and cruise missiles. Aerial targets support adherence to Public Law Title 10, Section 2366, which requires major systems and munitions programs to conduct live fire survivability and lethality testing before full rate production. Targets are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Targets are required for developmental/operational testing for all surface-to-air and air-to-air missiles employed by the F-22A, F-35, F-18, F-16, F-15, among other aircraft. Funding supports simulator development and improvements on the QF-16 FSAT, BQM-167A SSAT, and updates of Target Control Systems and specialized target payload subsystems for requirements such as: missile scoring, electronic attack (EA), infrared (IR) countermeasures, radar/IR signature augmentation, and chaff and flare dispensing systems. Enables analysis, development and prototyping of threat emulations/ simulations, and presentation of evolving threat scenarios and target area environments to prepare for emerging weapons development activities. Development is required to evolve aerial targets and target control capabilities to meet current and future threats. Air Force is the executive agent for full-scale aerial targets.

The Aerial Targets Program leverages and implements tenets of Open, Agile, and Digital acquisition for any new subsystem hardware or software development. Integrates the system in weapon portfolio tradespace studies by conducting trade studies, system engineering, test activities, and prototype and concept development, supporting system modeling and simulation. Builds and refines a mission modeling framework by incorporating higher-fidelity weapon system designs and updates to the threat landscape to conduct ongoing assessment of weapon system performance against the authoritative threat. Invests in analytical, information management, data management, digital environments, and networks directly supporting development and sustainment of this program's capabilities, while leveraging DoD and DAF enterprise IT solutions.

Leverages Digital acquisition tenets of open, agile and digital. This may include providing funds to prime contractors; program office contract support; facility, security and IT upgrades; common component development with other weapon systems to reduce redundant costs.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY25 0.0 million was expended for civilian pay expenses in this program element, and in FY26 0.0 million is forecasted for civilian pay expenses in this program element.

The FY2026 funding request is to modernize the TCS and close existing capability gaps. Modernization, will reduce future infrastructure costs by 67% and incorporate encryption requirements as mandated by DoD. This includes support for increasing simultaneous target C2, increased cybersecurity, extending the C2 range, mitigating target C2 communication frequency encroachment, and reprogramming for use on Government-only frequencies. Additionally, the funding supports the increase of

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets	Project (Number/Name) 675136 / Target Systems Development		
operator / participant situational awareness while expanding payload combinations, enables autonomous terrain following capabilities, and supports the control and integration of future Aerial Targets.					
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
Title: AF Subscale Aerial Target (AFSAT) Development			2.328	1.188	1.217
Description: Provide enhancements to AFSAT ability to emulate emerging threats in support of weapon testing.					
FY 2025 Plans: FY 2025 to fund the Air Force Subscale Aerial Target (AFSAT) Integrated Flight Controller (IFC) microprocessor-based unit that controls the entire flight control functionality and maneuverability.					
FY 2026 Plans: FY 2026 to fund the Air Force Subscale Aerial Target (AFSAT) Integrated Flight Controller (IFC) microprocessor-based unit that controls the entire flight control functionality and maneuverability.					
FY 2025 to FY 2026 Increase/Decrease Statement: FY 2025 to fund the Air Force Subscale Aerial Target (AFSAT) Integrated Flight Controller (IFC) microprocessor-based unit that controls the entire flight control functionality and maneuverability. Increase due to inflation.					
Title: Target Control System (TCS)			4.343	4.897	3.864
Description: Provide system enhancements to Advance Airborne Threat Target Control System (AATTCS), formerly known as Gulf Range Drone Control System (GRDCS), for command and control and tracking of aerial targets. Funding may be utilized for development/augmentation/modification of control systems to fulfill gaps in functional capabilities identified in 2018 ACC Capabilities Analysis of target control systems. Gaps relate to creating the emulation of next generation enemy aircraft threats.					
FY 2025 Plans: FY 2025 funding to modernize the target control system, addressing current capability gaps. This includes support for increasing simultaneous target C2, mitigating frequency encroachment, adding encryption, and extending the C2 footprint with reduced infrastructure. Additionally, the funding supports the increase of operator/participant situational awareness while expanding payload combinations and enables autonomous terrain following capabilities. Furthermore, the funding supports the control and integration of future Aerial Targets.					
FY 2026 Plans: FY 2026 funding to modernize the target control system, addressing current capability gaps. This includes support for increasing simultaneous target C2, mitigating frequency encroachment, adding encryption, and extending the C2 footprint with reduced infrastructure. Additionally, the funding supports the increase of operator/participant situational awareness while expanding					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets				Project (Number/Name) 675136 / Target Systems Development			
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026
payload combinations and enables autonomous terrain following capabilities. Furthermore, the funding supports the control and integration of future Aerial Targets.											
FY 2025 to FY 2026 Increase/Decrease Statement: FY 2026 is the final year of funding for modernizing the target control system as efforts ramp down in FY2026.											
Title: Next Generation Aerial Target (NGAT)									0.000	0.000	0.000
Description: NGAT seeks to conduct early systems engineering and risk reduction activities to identify and mitigate the major risks associated with developing a new aerial target for live fire surface-to-air, ship-to-air, and air-to-air missile tests.											
FY 2025 Plans: There are no NGAT activities planned for FY 2025.											
FY 2026 Plans: There are no NGAT activities planned for FY 2026.											
Accomplishments/Planned Programs Subtotals									6.671	6.085	5.081
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
• APAF 04 Line Item 10TRGT: <i>Target Drones</i>	34.526	37.581	34.224	0.000	34.224	-	-	-	-	-	-
• APAF 06 000999: <i>Initials Spares</i>	0.643	0.659	0.668	0.000	0.668	-	-	-	-	-	-
• APAF 07 000074: <i>War Consumables</i>	5.098	5.225	5.295	0.000	5.295	-	-	-	-	-	-
• APAF 07 Line Item 000075: <i>Other Production Charges</i>	17.945	18.377	18.623	0.000	18.623	-	-	-	-	-	-
Remarks											
APAF, BA 04: Target Drones 10TRGT - Full Scale and Subscale Aerial Targets assure warfighters' weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Adheres to Public Law title 10, Section 2366 "Live fire/Lethality" developmental/operational test requirements.											
APAF, BA 06: Initial Spares/Repair Parts - Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar repairable and consumable components, assemblies, and sub-assemblies that must be available for issues at all levels of supply in time to support newly fielded end items.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets	Project (Number/Name) 675136 / Target Systems 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
APAF, BA 07: War Consumables - AFSAT Rocket-Assisted Take-Off (RATO) requirements executed at Hill AFB. A RATO is used in the initial launch phase to obtain appropriate speed and altitude.											
APAF, BA 07: Other Production Charges - ALQ-167 and/or DLQ-9 Electronic Attack (EA) payloads for target drones including support equipment. Payloads emulate threat aircraft electronic countermeasures and jamming capabilities.											

D. Acquisition Strategy

The AFSAT acquisition strategy is a sole source follow-on contract. The Target Control System acquisition strategy includes several small projects to provide enhancements to TCS (to include AATTCS) and will be accomplished with other government agencies and contracts as needed. EA Payloads acquisition strategy includes several small projects managed by the US Navy program office to provide enhancements to the target payloads for aerial targets.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305116F / Aerial Targets				Project (Number/Name) 675136 / Target Systems Development					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Air Force Subscale Aerial Target (AFSAT) Product Improvements	SS/ Various	Various : CA	-	2.328	Dec 2023	1.188	Dec 2024	1.217	Dec 2025	-		1.217	-	-	-
Target Control System	Various	Eglin AFB : FL	-	4.343	Nov 2023	4.897	Nov 2024	3.864	Nov 2025	-		3.864	-	-	-
Subtotal			-	6.671		6.085		5.081		-		5.081	-	-	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			-	6.671		6.085		5.081		-		5.081	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0305116F / Aerial Targets					675136 / Target Systems Development			

	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
Target System Development																												
AFSAT Flt Controller System Upgrade																												
TCS Modernization																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305116F / <i>Aerial Targets</i>	Project (Number/Name) 675136 / <i>Target Systems Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Target System Development</i>				
AFSAT Flt Controller System Upgrade	4	2024	2	2026
TCS Modernization	1	2024	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305128F I Security and Investigative Activities							
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	0.000	0.339	0.481	8.964	0.000	8.964	-	-	-	-	-	-
671931: TECH SURVEIL COUNTER MEAS EQPT	0.000	0.339	0.481	8.964	0.000	8.964	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Technical Surveillance Countermeasures (TSCM) develops future technologies designed to find, fix, track, and neutralize law enforcement and counterintelligence threats to the Department of the Air Force (DAF). The technologies will enable criminal and counterintelligence investigations and operations involving high-tech crimes and cyber activities. The technologies are unique, complex, and the equipment must be continuously updated to ensure state-of-the-art capabilities are utilized to counter increasingly sophisticated threats targeting DAF equities. AFOSI also conducts a Capabilities Based Assessment (CBA) the Law Enforcement Evidence Data Repository (LEEDR) program ongoing at Fort Eisenhower, GA.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 \$0.000M was expended for civilian pay expenses in this program element, and in FY2025 \$0.000M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	0.352	0.481	0.492	0.000	0.492
Current President's Budget	0.339	0.481	8.964	0.000	8.964
Total Adjustments	-0.013	0.000	8.472	0.000	8.472
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	-0.013	0.000	8.472	0.000	8.472

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305128F <i>I Security and Investigative Activities</i>		
<u>Change Summary Explanation</u> In FY26, responsibility for funding for development of the Law Enforcement Evidence Data Repository (LEEDR) program ongoing at Fort Eisenhower, GA. transferred from PE 31113F to 35128F			
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
<i>Title:</i> TSCM <i>Description:</i> These funds will support development of next generation Technical Surveillance Countermeasures (TSCM) capabilities, and specialized law enforcement and counterintelligence restricted tools necessary to counter threats, and exploit cyberspace, digital media storage and mobile audio/visual/data communications for operational and felony-level investigative activities. <i>FY 2025 Plans:</i> Continue to develop law enforcement and counterintelligence restricted tools. <i>FY 2026 Plans:</i> Will continue development of law enforcement and counterintelligence restricted tools. <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> In FY 2026 funding included for the Law Enforcement Evidence Data Repository (LEEDR) program ongoing at Fort Eisenhower, GA.	0.339	0.481	8.964
Accomplishments/Planned Programs Subtotals	0.339	0.481	8.964
D. Other Program Funding Summary (\$ in Millions) N/A			
<u>Remarks</u>			
E. Acquisition Strategy Market Research and acquisition channels. These funds will support iterative development of next generation Technical Surveillance Countermeasures (TSCM) capabilities, and specialized law enforcement and counterintelligence restricted tools necessary to counter threats, and exploit cyberspace, digital media storage and mobile audio/visual/data communications for operational and felony-level investigative activities. Market research is continuously conducted jointly with partner DoD and USG entities, and once complete, acquisition channels are coordinated and deconflicted.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305128F / Security and Investigative Activities				Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Evidence Storage System	C/CPFF	TBD : TBD	-	-		-		0.750	Mar 2026	-		0.750	-	-	-
Digital File Storage	C/CPFF	TBD : TBD	-	-		-		1.000	Dec 2025	-		1.000	-	-	-
Data Management	C/CPFF	MRP : Alexandria, VA	-	-		-		1.972	Dec 2025	-		1.972	-	-	-
Data Integration	SS/FFP	Veritone : Irvine, CA	-	-		-		1.300	Jun 2026	-		1.300	-	-	-
A/V Management Software	C/CPFF	TBD : TBD	-	-		-		1.000	Sep 2026	-		1.000	-	-	-
Subtotal			-	-		-		6.022		-		6.022	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TSCM R/D	MIPR	NRL : Washington, DC	-	0.339	Apr 2024	0.481	Apr 2025	0.492	Apr 2026	-		0.492	-	-	-
Integration	SS/CPFF	MRP : Alexandria, VA	-	-		-		1.000	Dec 2025	-		1.000	-	-	-
Data Synthesis	SS/FFP	Virtualitics : Pasadena, CA	-	-		-		1.450	Dec 2025	-		1.450	-	-	-
Subtotal			-	0.339		0.481		2.942		-		2.942	-	-	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			-	0.339		0.481		8.964		-		8.964	-	-	N/A
Remarks															
These funds will support development of next generation Technical Surveillance Countermeasures (TSCM) capabilities, and specialized law enforcement and counterintelligence restricted tools necessary to counter threats, and exploit cyberspace, digital media storage and mobile audio/visual/data communications for operational and felony-level investigative activities.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0305128F / Security and Investigative Activities					671931 / TECH SURVEIL COUNTER MEAS EQPT			

	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
Technical Surveillance Equipment Test & Evaluation																												
Complete Phase IX TSCM LASER Project																												
Tech Service Ops Advanced Tool Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305128F / Security and Investigative Activities	Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Technical Surveillance Equipment Test & Evaluation				
Complete Phase IX TSCM LASER Project	1	2025	4	2025
Tech Service Ops Advanced Tool Development	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305146F I Defense Joint Counterintelligence Activities							
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	0.000	6.930	6.387	6.524	0.000	6.524	-	-	-	-	-	-
671931: TECH SURVEIL COUNTER MEAS EQPT	0.000	6.930	6.387	6.524	0.000	6.524	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Technical Surveillance Countermeasures (TSCM) develops future technologies capable of thwarting advanced hostile force and foreign intelligence technical capabilities. The technologies will provide secure environments for austere mission planning locations and theater commander centers, and will collect information for counterintelligence (CI) operations in support of DoD and AF requirements.

CI Cyber activities enable the Department of the Air Force Office of Special Investigations to detect and neutralize covert activities conducted by Foreign Intelligence Entities seeking to compromise classified or sensitive information in cyberspace. The technologies provided will enhance state of the art capabilities to detect and neutralize criminal activities targeted against sensitive and classified AF and DoD information, activities, and technology.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2025 0.000M was expended for civilian pay expenses in this program element, and in FY2026 0.000M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305146F I Defense Joint Counterintelligence Activities					
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		6.930	6.387	6.545	0.000	6.545	
Current President's Budget		6.930	6.387	6.524	0.000	6.524	
Total Adjustments		0.000	0.000	-0.021	0.000	-0.021	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		0.000	0.000	-0.021	0.000	-0.021	
Change Summary Explanation							
Minor decrease from previous President's Budget due to recalculation of inflation across the Department.							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Technical Surveillance Countermeasures (TSCM)					0.412	0.427	0.441
Description: TSCM will develop future technologies capable of thwarting advanced, hostile force technical capabilities. They will be developed to provide secure environments to austere mission planning locations, theater commander centers, and will collect information for counterthreat operations in support of DoD and AF requirements.							
FY 2025 Plans: Continue advancement of counterintelligence equipment and software.							
FY 2026 Plans: Will continue advancement of counterintelligence equipment and software.							
FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflationary effects.							
Title: Cyber Counterintelligence Pilot					6.518	5.960	6.083
Description: This effort builds OSI's cyber enclave to support various lines of effort, including COPPER CASTLE, JUPITER SENTINEL, and broader cyber threat pursuit activities.							
FY 2025 Plans:							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305146F I Defense Joint Counterintelligence Activities							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Continue R&D for new iterations of Cyber Threat Pursuit Activities, COPPER CASTLE, and JUPITER SENTINEL.												
FY 2026 Plans: Will continue R&D for new iterations of Cyber Threat Pursuit Activities, COPPER CASTLE, and JUPITER SENTINEL.												
FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflationary effects.												
Accomplishments/Planned Programs Subtotals										6.930	6.387	6.524
D. 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	
• OPAF 03 0305146F: Defense Joint Counter Intelligence Program	2.316	0.000	-	-	-	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
Defense Joint Counterintelligence Program TSCM funds will be obligated on existing contracts with Naval Research Labs and DARPA. Counterintelligence (CI) Cyber funding will be obligated on an existing Air Force contract with MIT/Lincoln Labs, Sandia National Labs, and Air Force Research Labs.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305146F / Defense Joint Counterintelligence Activities				Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Naval Research Lab	MIPR	Navy/Air Force : Washington, DC	-	0.913	Mar 2024	0.430	Mar 2025	0.443	Mar 2026	-		0.443	-	-	-
MIT/Lincoln Labs	MIPR	Air Force : Lexington, MA	-	3.064	Mar 2024	3.000	Mar 2025	3.000	Mar 2026	-		3.000	-	-	-
Sandia National Labs	MIPR	Air Force : Albuquerque, NM	-	0.500	Mar 2024	0.500	Nov 2024	0.500	Dec 2025	-		0.500	-	-	-
Air Force Research Labs	MIPR	Air Force : Rome, NY	-	2.453	Mar 2024	2.457	Mar 2025	2.581	Mar 2026	-		2.581	-	-	-
Subtotal			-	6.930		6.387		6.524		-		6.524	-	-	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			-	6.930		6.387		6.524		-		6.524	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0305146F / Defense Joint Counterintelli gence Activities				Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT			

	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
Technical Countermeasures Equipment & Cyber Research & Development																												
Develop Counterintelligence Equipment and Software																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305146F / Defense Joint Counterintelli gence Activities	Project (Number/Name) 671931 / TECH SURVEIL COUNTER MEAS EQPT

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Technical Countermeasures Equipment & Cyber Research & Development				
Develop Counterintelligence Equipment and Software	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305158F / <i>Tactical Terminal</i>

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	0.000	0.000	0.501	1.099	0.000	1.099	-	-	-	-	-	-
674139: <i>Civilian Compensation Program</i>	0.000	0.000	0.501	0.000	0.000	0.000	-	-	-	-	-	-
674395: <i>Radio</i>	0.000	0.000	0.000	1.099	0.000	1.099	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Tactical Terminal program provides Integrated Broadcast Service (IBS)-compatible terminals (radios) that access the IBS broadcast, providing Air Force warfighters strategic, operational, and tactical intelligence and threat warning information. The Tactical Terminal family of systems provide both airborne and ground weapon systems transmit/receive and receive-only solutions. The program also performs development, testing, and support efforts for software and hardware modifications/ enhancements to tactical terminals.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2025, \$0.000M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	0.000	1.002	1.102	0.000	1.102
Current President's Budget	0.000	0.501	1.099	0.000	1.099
Total Adjustments	0.000	-0.501	-0.003	0.000	-0.003
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-0.501			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-0.003	0.000	-0.003

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305158F I Tactical Terminal	
Change Summary Explanation In FY 2026, PE 0305158F, Tactical Terminals, Project 674139, Civilian Compensation efforts will be transferred to PE 0305158F, Tactical Terminals, Project 674395, Radio, in order to better align efforts with proper Project.		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305158F / <i>Tactical Terminal</i>				Project (Number/Name) 674139 / <i>Civilian Compensation Program</i>			
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
674139: <i>Civilian Compensation Program</i>	0.000	0.000	0.501	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Tactical Terminal program provides Integrated Broadcast Service (IBS)-compatible terminals (radios) that access the IBS broadcast, providing Air Force warfighters strategic, operational, and tactical intelligence and threat warning information. The program also performs development, testing, and support efforts for software and hardware modifications/enhancements to tactical terminals. The Tactical Terminal family of systems provide both airborne and ground weapons systems transmit/ receive and receive-only solutions.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2025, 0.000M is forecasted for civilian pay expenses in this program element.

In FY2026, PE 0305158F, Tactical Terminal, Project 674139, Civilian Compensation efforts will be transferred to PE 0305158F, Tactical Terminal, Project 674395, Radio, in order to better align efforts with proper project.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Tactical Terminal Modifications/Enhancements Trade Study	0.000	0.501	0.000
Description: This effort funds the study, development, testing, and support to software and hardware modifications/enhancements to tactical terminals.			
FY 2025 Plans: - Initiate a gap analysis to ensure compatibility with the Joint Tactical Terminal-Next Generation's (JTT-NG) and existing platform IBS infrastructure - Initiate a comprehensive trade study to evaluate available hardware and software solutions for hosting the user interface software on the JTT-NG			
FY 2026 Plans: In FY 2026, funding (\$1.002M) will be executed in PE 0305158F, BPAC 674395 Radio.			
FY 2025 to FY 2026 Increase/Decrease Statement:			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0305158F / Tactical Terminal				Project (Number/Name) 674139 / Civilian Compensation Program				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
In FY 2026, PE 0305158F, Tactical Terminals, Project 674139, Civilian Compensation efforts will be transferred to PE 0305158F, Tactical Terminals, Project 674395, Radio, in order to better align efforts with proper Project.												
Accomplishments/Planned Programs Subtotals										0.000	0.501	0.000
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	
• OPAF 03 837190: Radio Equipment	15.856	6.258	14.077	-	14.077	-	-	-	-	-	-	
Remarks												
D. Acquisition Strategy												
This effort funds necessary development, testing, and support to software and hardware modifications/enhancements to tactical terminals. Funds will be sent to DoD services, Other Government Agencies (OGAs), and agencies via Military Interdepartmental Purchase Request (MIPR) for execution.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305158F / Tactical Terminal						Project (Number/Name) 674139 / Civilian Compensation Program			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Tactical Terminal Modifications/ Enhancements Trade Study	MIPR	OGA/Various : Multiple	-	-		0.501	Jul 2025	-		-		-	-	-	-
Subtotal			-	-		0.501		-		-		-	-	-	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			-	-		0.501		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0305158F / Tactical Terminal					674139 / Civilian Compensation Program			

	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
Tactical Terminals																												
Tactical Terminal Modifications/ Enhancements Trade Study																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305158F / <i>Tactical Terminal</i>	Project (Number/Name) 674139 / <i>Civilian Compensation Program</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Tactical Terminals</i>				
Tactical Terminal Modifications/Enhancements Trade Study	4	2025	3	2026

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305158F / <i>Tactical Terminal</i>				Project (Number/Name) 674395 / <i>Radio</i>			
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
674395: <i>Radio</i>	0.000	0.000	0.000	1.099	0.000	1.099	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY2026, PE 0305158F, Tactical Terminals, Project 674139, Civilian Compensation efforts will be transferred to PE 0305158F, Tactical Terminals, Project 674395, Radio, in order to better align efforts with proper Project.

A. Mission Description and Budget Item Justification

The Tactical Terminal program provides Integrated Broadcast Service (IBS)-compatible terminals (radios) that access the IBS broadcast, providing Air Force warfighters strategic, operational, and tactical intelligence and threat warning information. The Tactical Terminal family of systems provide both airborne and ground weapons systems transmit/receive and receive-only solutions. The program also performs development, testing, and support efforts for software and hardware modifications/enhancements to tactical terminals.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Tactical Terminal Modifications/ Enhancements Trade Study	-	0.000	0.300
Description: This effort funds the study, development, testing, and support to software and hardware modifications/enhancements to tactical terminals.			
FY 2025 Plans: FY 2025 funding (0.501M) was executed in PE 0305158F, BPAC 674139 Civilian Compensation.			
FY 2026 Plans: - Complete a gap analysis to ensure compatibility with the Joint Tactical Terminal-Next Generation's (JTT-NG) and existing platform IBS infrastructure - Complete a comprehensive trade study to evaluate available hardware and software solutions for hosting the user interface software on the JTT-NG			
FY 2025 to FY 2026 Increase/Decrease Statement:			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305158F / <i>Tactical Terminal</i>	Project (Number/Name) 674395 / <i>Radio</i>	

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
In FY 2026, PE 0305158F, Tactical Terminals, Project 674139, Civilian Compensation efforts will be transferred to PE 0305158F, Tactical Terminals, Project 674395, Radio, in order to better align efforts with proper Project.			
Title: Tactical Terminal Modifications/Enhancements and Support Description: This effort funds development, testing, and support to software and hardware modifications/enhancements to tactical terminals. FY 2025 Plans: N/A FY 2026 Plans: - Will integrate findings of the trade study and gap analysis to inform and initiate the development, testing, and support activities for software and hardware modifications and enhancements to the Joint Tactical Terminal - Next Generation (JTT-NG) terminal - Will validate that the JTT-NG achieves full compliance with all applicable Air Force tactical terminal capability, interoperability, and security mandate requirements FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to realignment of funding for FY2026-2028 from BPAC 674139 Civilian Compensation Program to BPAC 674395 Radio.	-	0.000	0.799
Accomplishments/Planned Programs Subtotals	-	0.000	1.099

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF 03 837190: <i>Radio Equipment</i>	15.856	6.258	14.077	-	14.077	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

This effort funds necessary development, testing, and support to software and hardware modifications/enhancements to tactical terminals. Funds will be sent to DoD services, Other Government Agencies (OGAs), and agencies via Military Interdepartmental Purchase Request (MIPR) for execution.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305158F / Tactical Terminal				Project (Number/Name) 674395 / Radio					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Tactical Terminal Modifications/ Enhancements Trade Study	MIPR	OGA/ Various :Multiple : Various	-	-		-		0.300	Nov 2025	-		0.300	-	-	-
Tactical Terminal Modifications/ Enhancements and Support	MIPR	OGA/ Various :Multiple : Various	-	-		-		0.799	Mar 2026	-		0.799	-	-	-
Subtotal			-	-		-		1.099		-		1.099	-	-	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			-	-		-		1.099		-		1.099	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity								R-1 Program Element (Number/Name)						Project (Number/Name)			
3600 / 7								PE 0305158F / Tactical Terminal						674395 / Radio			

	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
Tactical Terminal																												
Tactical Terminal Modifications/ Enhancements Trade Study																												
Tactical Terminal Modifications/ Enhancements and Support																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305158F / <i>Tactical Terminal</i>	Project (Number/Name) 674395 / <i>Radio</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Tactical Terminal</i>				
Tactical Terminal Modifications/Enhancements Trade Study	4	2025	3	2026
Tactical Terminal Modifications/Enhancements and Support	4	2026	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305179F I Integrated Broadcast Service (IBS)							
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	0.000	18.540	16.006	19.085	0.000	19.085	-	-	-	-	-	-
674779: Integrated Broadcast Service (IBS)	0.000	18.540	16.006	19.085	0.000	19.085	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Integrated Broadcast Service (IBS) Broadcast fulfills the warfighter's requirements for worldwide threat warning and situational awareness information with timely dissemination of Intelligence, Surveillance, and Reconnaissance (ISR) derived combat information. It also provides target tracking data to support threat avoidance, targeting, force protection, and situational awareness. This information is continually refined in near-real time by strategic, operational and tactical sensors.

IBS Broadcast Baseline is comprised of the following:

- IBS Over-the-Air (OTA) includes a Common Interactive Broadcast (CIB) on UHF (Ultra High Frequency) satellite channel using a Common Message Format (CMF), a Military Standard (MIL-STD) common waveform, a Tactical Data Processor (TDP) to filter and display messages and data, and CMF analysis tools and an IBS-alternate path via mission partner provided satellite communications (SATCOM).
- IBS-Network Services (IBS-NS) includes two Global IBS Network Servers (GINS) and four Theater Interface Nodes (TINs) to support the geographic Combatant Commanders (CCDRs)
 - Two GINS receive data from each theater and integrate this data into a worldwide picture available to all network/broadcast users.
 - Four regional TINs allow local and out-of-theater users (not directly receiving IBS OTA broadcast) to still obtain access to the data disseminated over the IBS OTA broadcast. Additionally, the TIN will receive and inject data into the CIB for consumers without access to the theater CIB.

This PE funds the modernization of and/or enhancements to IBS OTA and IBS NS to include performing development and testing to ensure integration with tactical terminals.

FY26 funding supports:

1. IBS OTA Modernization: Integration and fielding IBS over Mobile User Objective System (MUOS) Wideband Code Division Multiple Access (WCDMA), Integration/testing/fielding common waveform architecture, IBS-Alternative Path (IBS-A), IBS-Low Earth Orbit (IBS-L), High Frequency (HF) capability, Starshield capability, and Line of Sight (LOS) capability. In addition, funding is sent to support Joint Tactical Terminal - Next Generation (JTT-NG) to incorporate new requirements.
2. IBS OTA Baseline Enhancements: Provides Tactical Display Processor (TDP) enhancements and cryptographic updates for IBS-A and IBS-L.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305179F I Integrated Broadcast Service (IBS)					
3. IBS-NS Modernization: Replatforms the IBS-NS capability to a new operating system on modern servers and refactors software to enable Legacy IBS Network transition to a cloud architecture.							
4. Test and Evaluation: Performs test and evaluation activities of the IBS OTA and IBS-NS systems/sub-system components.							
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 0.508M was expended for civilian pay expenses in this program element, and in FY 2025 0.000M is forecasted for civilian pay expenses in this program element.er							
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.							
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		21.588	16.006	19.289	0.000	19.289	
Current President's Budget		18.540	16.006	19.085	0.000	19.085	
Total Adjustments		-3.048	0.000	-0.204	0.000	-0.204	
• Congressional General Reductions		-3.048	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		0.000	0.000	-0.204	0.000	-0.204	
Change Summary Explanation							
The FY 2024 funding request was reduced by \$3.048M for "Unjustified Growth".							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Integrated Broadcast Service (IBS) Over-the-Air (OTA) Modernization					2.400	6.026	13.701
Description: Develops/tests/supports Primary, Alternate, Contingency, and Emergency (PACE) broadcast communications pathways							
FY 2025 Plans:							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305179F / <i>Integrated Broadcast Service (IBS)</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
- Continue to develop, conduct integration and test IBS over the Mobile User Objective System (MUOS) Wideband Code Division Multiple Access (WCDMA) - Continue to demonstrate, perform integration/test, and begin fielding the common waveform architecture for IBS-Alternative Path (IBS Alt-Path) and IBS-Low Earth Orbit (IBS-L) - Initiate IBS-MUOS over UHF Legacy eXtension (IBS-MX) testing - Initiate L-Band Tactical Satellite Service (LTAC) Development and Testing FY 2026 Plans: - Will conduct integration and fielding IBS over MUOS WCDMA -- Efforts include MUOS engineering support, architecture development, obtaining Authority to Operate (ATO), establishment of monitoring and control capability, performing FVEY testing, and providing software upgrade for 24/7 continuous broadcast - Will continue performing integration/test and fielding of common waveform architecture for IBS-Alternative Path and IBS-L - Will continue IBS-L Integration and Fielding - Will continue upgrade of IBS-A capability and perform Integration and Fielding - Will develop a demonstration of HF capability and perform integration/fielding - Will develop a demonstration of Starshield capability and perform integration/fielding - Will develop a demonstration of Line of Sight (LOS) capability and perform integration/fielding - Will send funding to Joint Tactical Terminal - Next Generation (JTT-NG) to incorporate new requirements FY 2025 to FY 2026 Increase/Decrease Statement: Increased funding has been allocated to enhance over-the-air broadcast paths and capabilities. This includes the development of alternative transmission pathways (IBS-M, IBS-L, HF, Starshield, LOS) and improvements to the communication capacity of both existing (IBS-A) and future (IBS-L) paths. Efforts are inclusive of development, testing, integration, and fielding in support of PACE communications.				
Title: IBS Over-the-Air (OTA) Baseline Enhancement Description: Develops/tests/supports enhancements to existing Baseline OTA capabilities FY 2025 Plans: - Continue enterprise Tactical Display Processor (TDP) enhancement - Continue Common Message Format (CMF) enhancement by supporting CMF message standards working group - Initiate crypto upgrades for IBS-A and IBS-L -- Includes final government testing, uplink site modernization, integration of ready components, and obtaining requisite cyber approvals and documentation to support sustainment FY 2026 Plans:		3.169	5.155	0.847

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305179F / <i>Integrated Broadcast Service (IBS)</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
- Will continue enterprise TDP enhancement - Will continue crypto upgrades for IBS-A and IBS-L FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to completion of Common Message Format enhancements and a realignment of funding from OTA Baseline Enhancements to OTA Modernization to support PACE broadcast communication pathway development				
Title: IBS-Network Services (IBS-NS) Modernization Description: Develops/tests/supports modernization of IBS-NS enabling increased throughput, timeliness, and portability of critical intelligence data FY 2025 Plans: - Award follow-on contract for IBS-NS modernization - Initiate replatforming of the IBS-NS capability to a new operating system on modern servers - Initiate refactoring of IBS-NS software to enable Legacy IBS Network transition to cloud architecture FY 2026 Plans: - Will continue to replatform the IBS-NS capability to a new operating system on modern servers - Will continue to refactor the IBS-NS software to enable Legacy IBS Network transition to cloud architecture FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased to support the development of OTA Modernization PACE communications paths		0.510	3.438	3.447
Title: IBS-Network Services (IBS-NS) Baseline Enhancements Description: Develops/tests/supports enhancements to existing Baseline NS capabilities FY 2025 Plans: N/A FY 2026 Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A		3.348	0.000	0.000
Title: IBS Enterprise Support Description: IBS Enterprise Systems Engineering and Integration and engineering expertise		8.084	0.167	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305179F I Integrated Broadcast Service (IBS)							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
FY 2025 Plans: - Continue to perform Enterprise Systems Engineering and CMF/CIB Integration												
FY 2026 Plans: N/A												
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to realignment of funding to support OTA Modernization PACE efforts												
Title: Test & Evaluation										1.029	1.220	1.090
Description: Test & Evaluation of the IBS System												
FY 2025 Plans: - Continue to perform test and evaluation activities of the IBS OTA and IBS-NS systems/sub-systems components												
FY 2026 Plans: - Will continue to perform Test and Evaluation activities of the IBS OTA and IBS-NS systems/sub-systems components												
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to reduction in testing requirements												
Accomplishments/Planned Programs Subtotals										18.540	16.006	19.085
D. 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	
• OPAF 03 832070: Intelligence Comm Equipment	11.568	12.041	10.780	-	10.780	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
IBS acquisition leverages a single existing sole source, single award, IDIQ contract, and Military Interdepartmental Purchase Request (MIPR) to Other Government Agencies (OGA) to modernize or enhance the IBS Broadcast.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305179F / Integrated Broadcast Service (IBS)				Project (Number/Name) 674779 / Integrated Broadcast Service (IBS)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IBS Over the Air (OTA) Modernization	Various	OGA/Various : Multiple	-	2.400	Sep 2024	5.753	May 2025	13.701	Feb 2026	-		13.701	-	-	-
IBS OTA Baseline Enhancements	Various	OGA/MEG/L3 : Multiple	-	3.186	Dec 2023	1.052	Mar 2025	0.847	Nov 2025	-		0.847	-	-	-
IBS-Network Services (IBS-NS) Modernization	SS/ Various	CACI/GTRI : Multiple	-	0.510	Dec 2023	6.029	Dec 2024	3.447	Jan 2026	-		3.447	-	-	-
IBS-NS Baseline Enhancements	SS/CPFF	CACI : Fairfax, VA	-	3.348	Dec 2023	0.000	Dec 2024	0.000	Nov 2025	-		0.000	-	-	-
Subtotal			-	9.444		12.834		17.995		-		17.995	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
IBS Enterprise Support	SS/ Various	OGA/MEG/L3/GTRI : Multiple	-	7.559	Jan 2024	1.610	Jan 2025	0.000	Oct 2025	-		0.000	-	-	-
Subtotal			-	7.559		1.610		0.000		-		0.000	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Interoperability and Development Testing	MIPR	JITC : Ft Huachuca, AZ	-	0.629	Dec 2023	0.851	Oct 2024	0.800	Oct 2025	-		0.800	-	-	-
Responsible Test Organization (RTO)	PO	45th Test Sqn : Eglin AFB, FL	-	0.400	Dec 2023	0.711	Dec 2024	0.290	Dec 2025	-		0.290	-	-	-
Subtotal			-	1.029		1.562		1.090		-		1.090	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305179F / Integrated Broadcast Service (IBS)				Project (Number/Name) 674779 / Integrated Broadcast Service (IBS)					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs (PSC)	Various	OGA : Multiple	-	0.508	Oct 2023	0.000	Dec 2024	0.000	Dec 2025	-		0.000	-	-	-
Subtotal			-	0.508		0.000		0.000		-		0.000	-	-	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			-	18.540		16.006		19.085		-		19.085	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0305179F / Integrated Broadcast Service (IBS)										Project (Number/Name) 674779 / Integrated Broadcast Service (IBS)									

	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
IBS																												
Over the Air (OTA) Modernization																												
OTA Baseline Enhancements																												
IBS-Network Services (IBS-NS) Modernization																												
IBS-NS Baseline Enhancements																												
IBS Enterprise Support																												
Test and Evaluation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305179F / Integrated Broadcast Service (IBS)	Project (Number/Name) 674779 / Integrated Broadcast Service (IBS)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
IBS				
Over the Air (OTA) Modernization	1	2024	4	2030
OTA Baseline Enhancements	1	2024	4	2030
IBS-Network Services (IBS-NS) Modernization	1	2024	4	2030
IBS-NS Baseline Enhancements	1	2024	4	2024
IBS Enterprise Support	1	2024	4	2025
Test and Evaluation	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305202F I Dragon U-2							
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	0.000	16.842	0.000	0.000	0.000	0.000	-	-	-	-	-	-
674820: Sensor Development	0.000	16.842	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The U-2S Dragon Lady platform is a high-demand/low-density aircraft equipped with modular sensor and data link systems providing flexibility and mission essential Intelligence, Surveillance, and Reconnaissance (ISR) to the Combatant Commands, Joint and Combined forces, and the Intelligence Community in peacetime and wartime. The program supports core missions such as Sensitive Reconnaissance Operations (outlined in CJCSI 3250.01) supporting the National Defense Strategy, in addition to other missions that include execution of CCMD OPLANs and CONPLANs, Humanitarian Assistance/Disaster Response (HADR), Counter Violent Extremist Organizations, and third-party treaty verification/monitoring via the OLIVE HARVEST mission.

The FY 2025 budget year is the final year that the Air Force has budgeted for the operational capability of the U-2 platform. Previously programmed funds in PE 35202F have been shifted to PE 35206F to support ASARS-2C test/eval and fielding, which will enable vastly improved collection against emerging threats through the remainder of scheduled U-2 operations. This capability and any enhancements will transferable to the broader enterprise.

Additionally, the U-2 program will continue to support emergent and/or experimental RDT&E efforts in support of Joint All-Domain Command and Control [JADC2] and Advanced Battle Management System [ABMS] as a platform surrogate for risk reduction in support of SECAF's Operational Imperative-2 as well as surrogate test for RCO capabilities and Electromagnetic Spectrum Operations technology development.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305202F I Dragon U-2				
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget	16.842	0.000	0.000	0.000	0.000	
Current President's Budget	16.842	0.000	0.000	0.000	0.000	
Total Adjustments	0.000	0.000	0.000	0.000	0.000	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	0.000	0.000				
• SBIR/STTR Transfer	0.000	0.000				
• Other Adjustments	0.000	0.000	0.000	0.000	0.000	
Change Summary Explanation						
RDT&E funding has been moved to the Airborne Reconnaissance Systems PE (35206F). RDT&E may be obligated on behalf of the ARS PE to facilitate surrogate development and test related to ASARS-2C, CI-6, Wicked Crow, and IMAD efforts for auto target recognition software.						
Explanations:						
ASARS-2C -- test and development for an advanced synthetic aperture radar processor						
CI-6 -- architecture evaluation and test for SIGINT capability						
Wicked Crow -- meshed network effort for ACC evaluation						
IMAD -- Air Force Research Laboratory test for automatic target recognition software development						
35202 received a 4M BTR and 11M MIP reprogramming funds to support the ASARS processor development in support of the ASARS-2C explanation above.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: U-2 Aircraft Update Block 20.1				14.942	0.000	-
Description: Aircraft and/or sensor enhancement efforts may include activities such as, but not limited to: trade studies, analysis, preliminary system engineering, system and subsystem testing or demonstrations, sensor specification development, avionics system upgrades, mission planning system software and infrastructure migration, advanced and agile systems, Open Mission Systems and Unmanned Aerospace Systems Command and Control Standard Initiative [OMS/UCI] standards compliance and integration, quick reaction capability [QRC] development, enhanced communications/SIGINT system sustainability and modernization, and tactical data-link [L-16, IBS, IFDL, MADL, etc.] efforts to meet operational requirements for the Air Force.						
FY 2025 Plans:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305202F / <i>Dragon U-2</i>			
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
35206F funds may be obligated in support of development and test related to ASARS-2C fielding and advanced mode development.				
FY 2025 to FY 2026 Increase/Decrease Statement: N/A				
Title: U-2 Payload Update Block 20.1 Description: Aircraft payload development supports sustainment and/or enhancement development includes activities such as, but not limited to: trade studies, analysis, preliminary system engineering, system and subsystem testing or demonstrations, sensor specification development, Advanced Synthetic Aperture Radar System [ASARS] development and test, SIGINT and multi-spectral sensor technical refresh integration and test, defensive systems, sensor range improvements, strategic and tactical data link [L-16, IBS, IFDL, MADL, etc.] design and integration.		1.900	0.000	-
FY 2025 Plans: 35206F funds may be obligated in support of development and test related to ASARS-2C fielding and advanced mode development.				
FY 2025 to FY 2026 Increase/Decrease Statement: N/A				
Accomplishments/Planned Programs Subtotals		16.842	0.000	-
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy Acquisition strategy for efforts to support aircraft modification and/or enhancement efforts will be assessed as required, based on current program activities.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305202F / Dragon U-2						Project (Number/Name) 674820 / Sensor Development			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ASARS Phase 1 Enhancements Design / Mode Development	SS/CPFF	Raytheon/Lockheed Martin : El Segundo, CA	-	-		-		-		-		-	-	-	0.000
ASARS Phase 2 Integration & Demonstration	SS/CPIF	Raytheon/Lockheed Martin : El Segundo, CA	-	-		-		-		-		-	-	-	0.000
Flight Test Support	SS/CPFF	Lockheed Martin : Palmdale, CA	-	-		-		-		-		-	-	-	0.000
Data Links Modernization	SS/CPFF	L3 Communications : Salt Lake City, UT	-	-		-		-		-		-	-	-	0.000
Avionics Technical Refresh	SS/CPFF	Lockheed Martin : Palmdale, CA	-	16.842	Dec 2023	-		-		-		-	-	-	0.000
Subtotal			-	16.842		-		-		-		-	-	-	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			-	16.842		-		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity								R-1 Program Element (Number/Name)						Project (Number/Name)			
3600 / 7								PE 0305202F / Dragon U-2						674820 / Sensor Development			

	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
U-2 Dragon Lady																												
Advanced Synthetic Aperture Radars System (ASARS)																												
Data Links Modernization																												
CI-6 Test																												
Wicked Crow Test																												
IMAD Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305202F / <i>Dragon U-2</i>	Project (Number/Name) 674820 / <i>Sensor Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>U-2 Dragon Lady</i>				
Advanced Synthetic Aperture Radars System (ASARS)	1	2024	2	2025
Data Links Modernization	1	2024	2	2024
CI-6 Test	1	2024	2	2025
Wicked Crow Test	1	2024	2	2025
IMAD Test	1	2024	2	2025

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305206F / <i>Airborne Reconnaissance Systems</i>

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	0.000	56.158	84.363	25.432	0.000	25.432	-	-	-	-	-	-
672002: <i>Agile ISR</i>	0.000	8.910	8.120	8.246	0.000	8.246	-	-	-	-	-	-
672003: <i>Sensors Open System Architecture</i>	0.000	5.948	5.854	6.048	0.000	6.048	-	-	-	-	-	-
674818: <i>Imaging and Targeting Support</i>	0.000	0.000	36.468	0.000	0.000	0.000	-	-	-	-	-	-
674820: <i>Sensor Development</i>	0.000	31.928	24.274	0.000	0.000	0.000	-	-	-	-	-	-
675092: <i>JTC/SIL MUSE</i>	0.000	3.869	3.963	4.048	0.000	4.048	-	-	-	-	-	-
676025: <i>Data Compression</i>	0.000	5.503	5.684	7.090	0.000	7.090	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Airborne Reconnaissance System [ARS] Program develops and integrates next generation intelligence, surveillance, and reconnaissance [ISR] capabilities. ARS includes platform-agile sensor data processing; sensor products aiding assisted target recognition algorithms and other artificial intelligence activities [e.g. geolocation models, sensor-base exploitation tools, sensor networking capabilities]; and implementation of sensor open architecture standards. The ARS Program includes the following efforts: Agile ISR [672002], Sensors Open System Architecture [672003], Imaging and Targeting Support [674818], Sensor Development [674820], JTC/SIL MUSE [675092], and Data Compression [676025].

The ARS PE funds airborne ISR programs to include sensor hardware, data processing, architecture standards, and simulation and training environments.

ARS serves as a transition partner for mid-TRL programs to mature and integrate technologies into programs of record.

The ARS PE supports multiple types of requirements to mature technologies aligning to the future force design, as well as integrating new capabilities onto existing platforms to fill existing capability gaps.

The ARS program invests in modernization of airborne Geospatial (GEOINT) sensor capabilities. ARS develops, matures, demonstrates, and rapidly transitions next-generation, persistent, wide-area surveillance and common imagery reconnaissance sensor capabilities including sensor data processing and sensor products to aid in rapid targeting for multiple airborne platforms.

The ARS PE is integral to developing multi-domain, multi-intelligence [multi-INT] research, development, test and evaluation [RDT&E] Program of Record [PoR] efforts in support of the National Defense Strategy (NDS) and 2018 DoD Artificial Intelligence Strategy, as applied by the Air Force in the Next Generation ISR Dominance Flight Plan, and the US Air Force Intelligence, Surveillance & Reconnaissance Planning and Programming Guidance (IP2G). Specifically, Program Element 0305206F

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305206F I Airborne Reconnaissance Systems	
provides authorized and appropriated funding to multi-INT RDT&E efforts for utilization on airborne platforms. This program traditionally provides a multi-INT venue for integration of technologies matured in both the Advanced Technology & Sensors [0604257F] and Airborne SIGINT Enterprise [0304260F] programs. ARS is a platform-agile suite of sensor technologies defined for the best flexibility and capability for an ever-changing scale of ISR missions. Execution of the ARS activities are founded upon three pillars: Open Standards, Artificial Intelligence [AI]/Machine Learning [ML] algorithms, and Advanced Platform-Agile Sensors. The power behind the ARS programs is an open architectural system design that enables rapid third-party software and line replicable unit insertion/replacement allowing for DevSecOps execution, onboard multi-modal and multi-INT processing real-time, sensor cross-cueing, and AI/ML application. The AI/ML algorithms will be used to enable assisted target detection and identification. ARS will anticipate and more quickly counter adversaries' future improvements in their abilities to hide from and defeat ISR sensors. The open standards pillar of next generation capabilities is supported through Sensors Open Systems Architecture [SOSA] which coordinates advanced technologies and open architecture development for multi-INT sensor modalities. The AI/ML algorithm pillar of next generation capabilities will be supported by the Agile ISR and Data Compression efforts. Detection, Removal and Characterization Operations [DRACO] supports the development of a robust image quality improvement capability for airborne synthetic aperture radar [SAR] products. Additionally, the Reduction of Data Using Compression Enhancement [RDUCE] develops data compression algorithms, addressing current and future systems' bandwidth limitations. Algorithms are multi-INT, sensor agnostic, solutions and are submitted for formal adoption by the DOD-Intelligence Community [IC] Joint Enterprise Standards Committee [JESC] GEOINT and SIGINT standards groups. The platform agile sensors pillar of next-generation capabilities will be supported by the Sensor Development effort, which includes the Advanced Synthetic Aperture Radar System [ASARS] front-end antenna array and receiver exciter advancements [ASARS-2B], and the ASARS-2C [back end] data processing efforts. ASARS-2B follow-on RDT&E extends range, enhances SAR performance and introduces maritime capability, while laying the framework for future use of open architectures. Additional efforts that support the next generation capabilities include the Multiple Unified Simulation Environment [MUSE] Joint Technology Center/Systems Integration Lab [JTC/SIL] by supporting ISR Training. The Imaging & Targeting Support (I&TS) Uncrewed Long-endurance Tactical Reconnaissance Aircraft (ULTRA) is an Air Force-led technology and concept development effort to demonstrate an Uncrewed Aerial System (UAS) that is capable of multiple-day duration flights while maintaining affordability. All efforts for this project transitioned from ARS to PE 0304784F - LE-AISR. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.236M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.329M is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305206F I Airborne Reconnaissance Systems			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	43.158	84.363	26.910	0.000	26.910
Current President's Budget	56.158	84.363	25.432	0.000	25.432
Total Adjustments	13.000	0.000	-1.478	0.000	-1.478
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-2.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	15.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-1.478	0.000	-1.478
Change Summary Explanation					
FY 2024 15M Congressional Add for "persistent wide-area moving target engagement" and 2M reduction for Agile ISR PMA.					
FY 2025 increase from FY24 is due to the addition of ULTRA requirement into I&TS BPAC and the transfer of ASARS-2C funds into the Sensors Development BPAC.					
FY 2026 decrease due to the planned transition of ASARS and ULTRA Operational Assessment.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 672002 / Agile ISR			
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
672002: Agile ISR	0.000	8.910	8.120	8.246	0.000	8.246	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Agile ISR BPAC matures, develops, and deploys projects in support of current and future platform agnostic, non-proprietary, autonomous, multi-INT cross cueing ISR solutions based on DAF mission requirements in highly contested environments. This includes, but is not limited to, High Altitude Long Endurance (HALE) capability development, Detection Removal and Characterization Operations (DRACO), support and development of AgilePod, and other projects. Portions of the developmental efforts under Agile ISR are classified.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 0.000M was expended for civilian pay expenses in this program element, and in FY 2025 0.000M is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: DRACO	6.910	6.020	6.131	-	6.131
Description: Detection Removal and Characterization Operations (DRACO) is a robust Image Quality improvement capability for Airborne Synthetic Aperture Radar (SAR) products. The software resides in multiple locations on the ground and future efforts will migrate algorithms to airborne platforms supporting the Air Force, Army, Navy and other customers. DRACO efforts include but are not limited to development, design, fabrication, integration, demonstration, test, and transition of image quality improvement capabilities. This project originated under the I&TS program. For the future DRACO development efforts (DRACO 8+) the focus will shift from supporting airborne architectures to products provided directly from the Intelligence Community to DoD ground stations. The details on the classification of the architecture and the delivered products are currently under evaluation with the expectation that before DRACO 8 begins in May 2026 that there will be guidance provided to enable continued operations. All other details are classified.					
FY 2025 Plans: - Continue executing the DRACO 7 contract effort initiated in early FY 2024. - Continue to incorporate updates to address and mitigate emerging classified threats. - Agile Software releases approximately every 6 months to DoD and intelligence community partners					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 672002 / Agile ISR		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- DRACO 5.8 and 5.9 update deployment						
FY 2026 Base Plans: FY 2026 Base Plans: - Will continue executing the DRACO 7 contract. - Will continue to incorporate updates to address and mitigate emerging classified threats. - DRACO 5.10 and 5.11 update deployment - Initiate DRACO 8 contract planning and accomplish necessary acquisition processes to have the effort awarded such that there is no break in the maturation of the capability to ensure continuity in key manpower resource availability from the contractor.						
FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to staging and contractor resources for deployment schedule.						
Title: AgilePod		2.000	2.000	2.015	-	2.015
Description: The AgilePod is a multi-configurable pod system designed to rapidly integrate advanced technologies for the Air Force and Intelligence Community. Aligned with key USAF strategies, this risk-reducing solution enhances ISR and supports JADC2 by enabling rapid testing and deployment of next-generation technologies. Current development focuses on maturing AgilePod for full production and availability to Air Force, Navy, and FMS partners. This directly supports critical initiatives like Beyond Line of Sight (BLOS) Kill Chain development, which aims to operationalize multi-domain targeting at scale. Additionally, AgilePod ties into ISR, Resilient Positioning, Navigation, and Timing (PNT) research to mitigate operational risks, and Expeditionary Operations concepts by enabling agile combat employment and reducing reliance on fixed infrastructure.						
FY 2025 Plans: FY 2025 Plans: -Acquire AgilePod 16HP: Procure AgilePod 16HP systems to enable rapid deployment of TENTaCLE payloads, supporting critical Air Force and Navy missions. -Mature AgilePod 26 Design: Complete the Critical Design Review for AgilePod 26, moving it towards the production phase for increased availability. -Support Operations: Provide ongoing support for multi-service Developmental & Operational Testing requirements, including participation in exercises and demonstrations to showcase capabilities such as BLOS and PNT efforts.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 672002 / Agile ISR	
B. Accomplishments/Planned Programs (\$ in Millions)					
	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
-International Sales: Pursuing potential Foreign Military Sales customers at F-16 and C-130 technical coordination meetings. FY 2026 Base Plans: FY 2026 Plans: -AgilePod 26 Production: Transition AgilePod 26 towards Production Readiness Review (PRR) to achieve AFGSC required Initial Operational Capability by FY2027. -New AgilePod Designs: Focus on designing and developing new variations within the AgilePod Family of Systems, enhancing capabilities and improving user experience. -Continued Support: Maintain ongoing support for multi-service operational needs by actively participating in relevant demonstrations and exercises. -Customer Engagement: Engage with customers across the Department of Defense and joint services to understand and meet their evolving needs for AgilePod systems. FY 2025 to FY 2026 Increase/Decrease Statement: Budget decrease of 6.327M due to expediting progress to Critical Design Review (CDR); FY26 funding returns to baseline.					
Title: HALE Description: High Altitude Long Endurance (HALE) assets provide risk-reduction and alternative sensing capability employment options. This effort will initiate the pre-acquisition activity to develop a Family of Sensors constellation to provide wide area target detection and tracking in highly contested environments. FY 2025 Plans: - Initiate acquisition activity for HALE programs. - Begin acquisition analyses to include long lead item evaluation of software, hardware, and spares to begin development. FY 2026 Base Plans: - In FY 2026, HALE is planned to transition requirements to PE 64858F FY 2025 to FY 2026 Increase/Decrease Statement: N/A					
Accomplishments/Planned Programs Subtotals					
	8.910	8.120	8.246	-	8.246

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 672002 / Agile ISR
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy Capabilities will be developed and integrated onto various information systems and platforms using an agile software acquisition approach. The projects will be executed and contracted with appropriate vendor(s) to deliver capability while driving competition where possible.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems						Project (Number/Name) 672002 / Agile ISR			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DRACO	SS/CPFF	Lockheed Martin : King of Prussisa, PA	-	5.910	Jan 2024	5.066	Dec 2024	5.131	Dec 2026	-		5.131	-	-	-
AgilePod	SS/CPFF	Jacobs/Leidos : Dayton, OH	-	1.000	Jan 2024	1.990	Nov 2024	1.015	Nov 2025	-		1.015	-	-	-
HALE	TBD	Not Specified: TBD : TBD	-	-		0.100	Jan 2025	0.100	Jan 2026	0.000		0.100	-	-	-
Subtotal			-	6.910		7.156		6.246		0.000		6.246	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA: Other Govt Cost	Various	Various: TBD : TBD	-	2.000	Jan 2024	0.964	Nov 2024	2.000	Dec 2025	-		2.000	-	-	-
Subtotal			-	2.000		0.964		2.000		-		2.000	-	-	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			-	8.910		8.120		8.246		0.000		8.246	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity										R-1 Program Element (Number/Name)									
3600 / 7										PE 0305206F / Airborne Reconnaissance Systems									
										Project (Number/Name)									
										672002 / Agile ISR									

	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
Agile ISR																												
DRACO 6.0																												
DRACO 7.0																												
DRACO 8.0																												
AgilePod*																												
HALE																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 672002 / Agile ISR	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Agile ISR				
DRACO 6.0	1	2024	2	2024
DRACO 7.0	1	2024	3	2026
DRACO 8.0	3	2026	3	2030
AgilePod*	1	2024	4	2030
HALE	3	2025	4	2025

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 672003 / Sensors Open System Architecture			
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
672003: Sensors Open System Architecture	0.000	5.948	5.854	6.048	0.000	6.048	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Sensors Open System Architecture (SOSA) project develops open (non-proprietary) hardware standards and associated software interfaces to support the development of embedded air/space/ground systems across a full spectrum of applications, including RADAR, SIGINT, Electronic Warfare (EW), Communications, and Electro-Optical InfraRed (EO/IR). This program develops the standard required to rapidly field open systems.

This program will fund development of the SOSA Technical Standard, prototype/demonstrate solutions, integrate with other MOSA standards, conformance testing, verification, training, and the Open Architecture System Integration Laboratory to mature and verify the common hardware/software standards. Similar to the transition to commoditization of computer components (power supply, motherboard, central processing unit, storage, etc.) in the 1980s and 1990s, the SOSA standard enables weapon systems to leverage commercial off the shelf (COTS) hardware for embedded mission computer needs. This saves the non-recurrent-engineering cost for each platform to develop a point-specific computer hardware solution for their application (e.g., ruggedized/flight-qualified computer). SOSA demonstrations are on-going and continuous in the FY, dependent on the systems being evaluated.

In October 2024, the SOSA program office that managed this funding transitioned to the Architecture and Systems Engineering (ASE) group, Air Force Life Cycle Management Center (AFLCMC), Wright Patterson AFB. In addition to this PE, the ASE group will continue execution of these related activities under the following PEs:
0605056F / Open Architecture Management (656060 / Standards Management)
0604602F / Armament/Ordinance Development (655361 / Stores/Aircraft Interface)

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Sensors Open System Architecture	5.948	5.854	6.048	-	6.048
Description: Description: The Sensors Open System Architecture (SOSA) project will execute activities to develop common hardware standards and associated software interfaces.					
FY 2025 Plans: - Develop prototype of SOSA multi-INT (intelligence) capability.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 672003 / Sensors Open System Architecture		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Develop common and open internal electrical/mechanical interfaces. - Implement and execute hardware demonstrations. - Support EO/IR, Comms and multi-INT article prototyping. - Prepare and host open standard interoperability demonstrations. - Continue to support security development for SOSA secure solutions. - Continue to develop Small Form Factor hardware standards for sensors, communications and electronic warfare (UAS, HALE, High-Altitude Balloon, etc.) - Continue to develop automated conformance tooling for SOSA hardware verification and validation. FY 2026 Base Plans: - Will continue to develop prototype of SOSA multi-INT (intelligence) capability. - Will continue to develop common and open internal electrical/mechanical interfaces. - Will continue to implement and execute hardware demonstrations. - Will continue to support EO/IR, Comms and multi-INT article prototyping. - Will continue to prepare and host open standard interoperability demonstrations. - Will continue to support security development for SOSA secure solutions. - Will continue to develop Small Form Factor hardware standards for sensors, communications and electronic warfare (UAS, HALE, High-Altitude Balloon, etc.) - Will continue to explore SOSA other applications (e.g. munitions/WOSA (weapons open systems architecture)). - Will continue to develop automated conformance tooling for SOSA hardware verification and validation. FY 2025 to FY 2026 Increase/Decrease Statement: Increase from FY25 to FY26 accounts for inflation.						
Accomplishments/Planned Programs Subtotals		5.948	5.854	6.048	-	6.048
C. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
D. Acquisition Strategy						
SOSA development is achieved through The Open Group SOSA Consortium, which is a Coalition of Industry, DoD, and OGA partners which develop common hardware standards and associated software interfaces to support sensor requirements. The acquisition initiatives consist of prototyping activities, risk reduction activities, and						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 672003 / Sensors Open System Architecture
demonstrations. There will continue to be various contracting strategies, including use of existing contracts to rapidly enhance the SOSA Technical Standard baseline and demonstrate interoperability of SOSA with other existing MOSA Standards.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 672003 / Sensors Open System Architecture					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOSA Hardware Development	SS/CPFF	Various : Various	-	-		-		4.146	Dec 2025	-		4.146	-	-	-
SOSA Conformance Tooling	SS/CPFF	Various : Various	-	-		-		1.346	Jan 2026	-		1.346	-	-	-
SOSA Hardware Development (1)	SS/CPFF	Skayl : DC & Arizona, AZ	-	0.818	Dec 2023	0.795	Dec 2024	-		-		-	-	-	-
SOSA Hardware Development (3)	SS/CPFF	CFD : Dayton, OH	-	1.183	Mar 2024	1.218	Mar 2025	-		-		-	-	-	-
SOSA Hardware Development (4)	SS/CPFF	GTRI : Atlanta, GA	-	2.026	Jul 2024	1.942	Jun 2025	-		-		-	-	-	-
SOSA Hardware Development (8)	SS/FFP	Leidos : Dayton, OH	-	1.400	Feb 2024	1.371	Feb 2025	-		-		-	-	-	-
Subtotal			-	5.427		5.326		5.492		-		5.492	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration (PMA)	Various	Not specified. : TBD	-	0.521	Jan 2024	0.528	Jan 2025	0.556	Jan 2026	-		0.556	-	-	-
Subtotal			-	0.521		0.528		0.556		-		0.556	-	-	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			-	5.948		5.854		6.048		-		6.048	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 672003 / Sensors Open System Architecture			

	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
Sensors Open System Architecture																												
Technical Standard Publications (Semi-Annual Deliveries)																												
SOSA Demonstration																												
SIL Activites																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 672003 / Sensors Open System Architecture	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Sensors Open System Architecture				
Technical Standard Publications (Semi-Annual Deliveries)	1	2024	4	2027
SOSA Demonstration	1	2024	4	2027
SIL Activites	1	2024	4	2027

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 674818 / Imaging and Targeting Support			
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
674818: Imaging and Targeting Support	0.000	0.000	36.468	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The purpose of the Imaging and Targeting Support (I&TS) program is to develop, mature, demonstrate, and rapidly transition next-generation, persistent, wide area surveillance and common imagery reconnaissance sensor capabilities (active and passive systems), including sensor data processing for multiple airborne platforms, as well as sensor products to aid in rapid targeting (geolocation models, sensor-based exploitation tools, sensor networking capabilities).

The I&TS program has begun will development of the Uncrewed Long-endurance Tactical Reconnaissance Aircraft (ULTRA) prototype to demonstrate and transition this emerging capability. ULTRA is an Air Force-led technology and concept development effort to demonstrate an Unmanned Aerial System (UAS) that is capable of multiple-day duration flights while maintaining affordability. ULTRA leverages commercial-off-the-shelf technologies to minimize expensive custom/proprietary items while at the same time simplifying maintenance and manpower costs. The payload integration for ULTRA maintains a modular and flexible architecture to allow for rapid integration of customer-driven payload options. ULTRA leverages and builds off the successes and lessons learned of several AFRL, DoD, and other partner funded development efforts, including the Long Endurance Aerial Platform UAS. The initial ULTRA UAS was developed in 2018 and flight-tested in 2019. In 2020 ULTRA performed limited operational test and evaluation over a six-month period, the results of which informed payload and system requirements to meet current and future needs. ULTRA is an affordable ultra-long endurance ISR platform that is responsive to current and future needs. FY24 funding will acquire 4 upgraded platforms and support an OCONUS OA in CENTCOM. Future operational test and evaluation is the next step in developing the ULTRA system. It is a flight demonstration of the ULTRA program, which was previously executed in FY 2024 under the Endurance Uncrewed Aerial Vehicles project. In FY 2026, LE-AISR requirements, to include ULTRA, will be managed within PE 0304784F.

The ULTRA effort is not a new start. It is a flight demonstration of the ULTRA program, which was previously executed in FY 2024 under Program 0305205F Endurance Unmanned Aerial Vehicles; in FY 2023 and prior years under Program 0604555D8Z Operational Energy Prototyping, and under Section 219 authorities. In FY26, will start execution in PE 304784F.

In FY28, FY29 and FY30, this PE will fund Resolute Sentry program. Resolute Sentry will not be a new start as Resolute Sentry will execute PE 64257F in FY26 and FY27.

Activities also include studies and analysis to support both current program planning and execution and future program planning.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 0.000M was expended for civilian pay expenses in this program element, and in FY 2025 0.000M is forecast for civilian pay expenses in this program element.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 674818 / Imaging and Targeting Support		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Uncrewed Long-endurance Tactical Reconnaissance Aircraft (ULTRA) Flight Demonstration Description: This effort conducts integration and preparation work required to prepare the ULTRA platform for flight demonstration in operationally relevant environments in response to an urgent operational need. It leverages technologies and expertise from across all of the Air Force Research Laboratories, integrating and testing a variety of technologies. FY 2025 Plans: -Complete integration and test of COTS Rotax 916 turbo charged engine to enable ULTRA altitude and airspeed for relevant geographically-constrained mission areas of interest. -Initiate and complete integration and testing of COTS engine control unit. -Initiate and complete integration and testing of RF SIGINT payload. -Complete integration of ULTRA into the control system for common control of multiple uncrewed aerial systems like Vigilant Spirit and flight test. -Complete aircrew training to support extended operational testing and evaluation of ULTRA system and broaden to include sensor payloads. -Complete development and refinement of training curriculum and documentation based on results from operational test and evaluation and adoption of Vigilant Spirit UAS command and control system. -Complete sustainment analyses to include long lead item evaluation of hardware and spares and begin software and cyber assessments. -Complete operational test and evaluation of ULTRA in operationally relevant environments. FY 2026 Base Plans: -Complete integration and testing of Line-of-Sight/Beyond Line- of-Sight (LOS/BLOS) -Complete integration and testing of RF SIGINT payloads. -Complete aircrew training for 4-ship operation. -Complete CONUS flight test check outs prior to deployment. -Finalize operational test preparation and OCONUS approvals/coordination leading up to assessment and evaluation of ULTRA in operationally relevant environments. FY 2025 to FY 2026 Increase/Decrease Statement: ULTRA will no longer be funded out of the ARS PE and execution will continue in the new LE-AISR PE 34784F starting in FY26.		0.000	36.468	0.000	-	0.000
Accomplishments/Planned Programs Subtotals		0.000	36.468	0.000	-	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 674818 / Imaging and Targeting Support

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

The acquisition strategy is to maximize commercial and national development efforts and investment through multiple contracting methods, including the use of engineering change proposals to modify existing contracts and new contracts that were awarded both competitively and on a sole source basis.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems						Project (Number/Name) 674818 / Imaging and Targeting Support			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ULTRA Flight Demonstration	SS/CPFF	Air Force Research Labs : WPAFB, OH	-	-		35.087	Oct 2024	-		-		-	-	-	-
Subtotal			-	-		35.087		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA: Other Govt Cost	SS/T&M	Various : Dayton, OH	-	-		1.381	May 2025	-		-		-	-	-	-
Subtotal			-	-		1.381		-		-		-	-	-	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			-	-		36.468		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems										Project (Number/Name) 674818 / Imaging and Targeting Support									

	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
ULTRA Flight Test																												
Line-of-Sight/Beyond Line- of-Sight Integration																												
Commercial-off-the-shelf (COTS) 916 Turbo Engine/Electronic Control Unit Integration																												
Payload Integration																												
Aircraft & Sensor Procurement (no fielding)																												
Aircrew Training Development																												
Operational Test and Evaluation prep activities																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 674818 / Imaging and Targeting Support	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ULTRA Flight Test				
Line-of-Sight/Beyond Line- of-Sight Integration	3	2024	3	2025
Commercial-off-the-shelf (COTS) 916 Turbo Engine/Electronic Control Unit Integration	1	2025	3	2025
Payload Integration	1	2025	2	2026
Aircraft & Sensor Procurement (no fielding)	3	2025	3	2026
Aircrew Training Development	4	2025	4	2026
Operational Test and Evaluation prep activities	3	2025	1	2027

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 674820 / Sensor 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
674820: Sensor Development	0.000	31.928	24.274	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The Sensors Development project uses non-recurring engineering activities to support the fabrication, integration, and testing of the of the Advanced Synthetic Aperture Radar system (ASARS) 2C processing system to vastly improve the Air Force's long range, high altitude ISR radar imagery, detection, and tracking capabilities.												
The Sensors Development project increases the range and collection capability, interoperability and processing of the Advanced Synthetic Aperture Radar Systems through design, development, testing, and fielding efforts. The Sensors Development efforts advance the capability of ASARS for U-2 and classified platform employment. ASARS-2B [front-end] & ASARS-2C [back-end] efforts provide critical advancements and risk reduction in SAR/Moving Target Indication capability to be implemented in the future multi-INT, platform agile capability that Next Generation Sensors will provide.												
The ASARS effort is a fifth generation, deep-look, high-altitude, ISR radar that is the foundation for the radar component of the Next Generation Sensors [NGS] family of systems as outlined in the AFROC approved ASARS-2C draft Capabilities Development Document [CDD]. ASARS-2B [front-end] is the antenna and receiver exciter replacement. The ASARS-2C [back end] data processing efforts extend the ASARS-2B [front-end] radar capability using open architecture data processing and multi-platform integration. Open architecture improves performance and lowers cost by facilitating and enabling qualified third-party software vendors to incorporate future multi-ISR capability to advance interoperability across joint operations. ASARS increases current capability and addresses National Defense Strategy Key Operational Problems.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.236M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.329M is forecast for civilian pay expenses in this program element.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Title: Advanced Synthetic Aperture Radar System [ASARS]-2B (front-end)							13.128	24.274	0.000	-	0.000	
Description: Develop, design, fabricate, integrate, test and field deep look high altitude ISR radar capabilities.												
FY 2025 Plans: In FY 2025, we will support updates, fixes and tests for the ASARS-2C.												
FY 2026 Base Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025					
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 674820 / Sensor Development				
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
N/A								
FY 2025 to FY 2026 Increase/Decrease Statement: N/A								
Title: BPAC 674820 - Sensor Development Congressional Add Description: Congressional add for a Wide Area Motion Imagery (WAMI) project. FY 2025 Plans: None - line added for balance FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A				15.000	0.000	0.000	0.000	0.000
Title: Advanced Synthetic Aperture Radar System [ASARS]-2C [back-end] Description: Integrate open radar processing architectures for enhanced RF capabilities and third party mode development. FY 2025 Plans: - Continue to conduct and complete development, design, fabrication, integration and flight test for deep look high altitude ISR radar capabilities. FY 2026 Base Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: ASARS-2B EMD Contract is projected to be completed in FY 2025				3.800	0.000	0.000	-	0.000
Accomplishments/Planned Programs Subtotals				31.928	24.274	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A								

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 674820 / Sensor Development
C. Other Program Funding Summary (\$ in Millions)		
Remarks The \$31.928 in FY24 includes a \$13m error due to a misapplied congressional add that will have to be corrected.		
D. Acquisition Strategy ASARS / High Altitude SAR technology maturation is conducted by Air Force Life Cycle Management Center/Intelligence, Surveillance, and Reconnaissance and Special Operations Forces [AFLCMC/WIN], in conjunction and cooperation with AFLCMC/WIA [Robins AFB] for test support. The acquisition strategy is to maximize commercial and national development efforts and investment through multiple contracting methods, including but not limited to the use of engineering change proposals to modify existing contracts and new contracts that were awarded both competitively or on a sole source basis.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems						Project (Number/Name) 674820 / Sensor Development			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ASARS-2B (front-end)	SS/CPIF	Raytheon : El Segundo, CA	-	10.596	Oct 2023	-		-		-		-	-	-	-
ASARS-2C (back-end)	SS/CPFF	Raytheon : El Segundo, CA	-	3.843	Oct 2023	19.274	Oct 2024	-		-		-	-	-	-
Subtotal			-	14.439		19.274		-		-		-	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Congressional Add Duplicate funding	TBD	Not specified. : TBD	-	13.000	Dec 2024	-		-		-		-	-	-	-
Subtotal			-	13.000		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA	Various	Not specified. : TBD	-	4.489	Jan 2024	5.000	Jan 2025	-		-		-	-	-	-
Subtotal			-	4.489		5.000		-		-		-	-	-	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			-	31.928		24.274		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 674820 / Sensor Development			

	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
ASARS-2B																												
ASARS-2B EMD																												
ASARS-2C																												
ASARS-2C																												
-- Tech Maturation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 674820 / Sensor Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ASARS-2B				
ASARS-2B EMD	1	2024	4	2025
ASARS-2C				
ASARS-2C	1	2024	4	2025
-- Tech Maturation	1	2024	4	2025

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 675092 / JTC/SIL MUSE			
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
675092: JTC/SIL MUSE	0.000	3.869	3.963	4.048	0.000	4.048	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Multiple Unified Simulation Environment (MUSE) is the DoD flight simulation/training system of choice for many Unmanned Aircraft Systems (UAS), RPA, and airborne platforms. MUSE is also known as the Air Force Synthetic Environment for Reconnaissance and Surveillance (AFSERS) in its Air Force training application. The MUSE/AFSERS is a software suite that simulates UAS/RPA (e.g., MQ-9, RQ-4) systems and manned airborne ISR systems, tailored air vehicle & data links, and visualization systems used for payload product outputs-including Full Motion Video (FMV), Fixed Frame Imagery (FFI), Ground Moving Target Indicator (GMTI) data, and Link 16 (J2.2 and J3.5) tracking messages. Outputs are compliant with applicable DoD standards and are continually tested against actual ground data processors to ensure DoD systems interoperability.

The Services and Combatant Commanders have a requirement for training with a system that provides a real-time simulation environment containing multiple domain systems that can be integrated with larger force-on-force simulations. The MUSE/AFSERS creates a realistic operational environment supporting military utility assessment, architecture, and employment concept development. Training, Tactics, Techniques and Procedures (TTP) refinement, practice Processing, Exploitation and Dissemination (PED) of multi-domain information. Conduct emerging concepts experimentation, optimizing Command, Control, Communications, and Computing (C4) with warfighting exercises and experiments. MUSE/AFSERS is the preferred UAS/RPA simulation system used by US Combatant Commanders and Joint Services to support command and battle staff C4 training.

The MUSE/AFSERS also creates a realistic operational environment that supports: an embedded training capability for new UAS/RPA system Program Managers; tools to minimize acquisition and life cycle cost and schedule impacts. MUSE/AFSERS conducts emerging concepts experimentation, future systems exploration, systems integration, and technology insertion; applications for Joint and Service-specific warfighting exercises; and C4 training optimization.

MUSE/AFSERS is currently used by all Services and most unified commands simulating MQ-1, MQ-9, RQ-4, MQ-1C, M/RQ-5, RQ-7, national and commercial satellite systems, P-3, E-8 and the U-2 during warfighting exercises. The AFSERS provides National Imagery Transmission Format (NITF) information for simulated data collection systems, supporting PED training. The MUSE is also used as a mission rehearsal tool for current, on-going military combat operations. Most of the MUSE/AFSERS software suite components are also used in multiple airborne platform system training devices. Including the MQ-9 [Medium Altitude Long Endurance Tactical (MALET) JSIL Aircrew Trainer (MJAT)] and RQ-4 [Global Hawk Sensor Operator Part Task Trainer (GHSOPTT)].

The Joint Technology Center/Systems Integration Laboratory (JTC/SIL) is the training center of excellence supporting UAS and RPA programs for the Services. JTC/SIL provides the system engineering, test and integration, interoperability, rapid technology insertion to address MUSE/AFSERS training requirements. The JTC/SIL combines the UAS/RPA knowledge of communications standards (such as STANAGs 4586, 4607, 4545 and 4609) with Hardware in the Loop (HIL) testing, with sensor and aircraft simulation to integrate MUSE/AFSERS with other DoD modeling and simulation (M&S) architectures. For those airborne assets normally not available for training, the JTC/SIL provides surrogate systems and interfaces. The JTC/SIL contributes to the distributed training environments, virtually linking participants from

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 675092 / JTC/SIL MUSE				
various locations worldwide, and are routinely supported within the MUSE architecture. The JTC/SIL continues to develop leading edge technologies supporting the rapidly evolving UAS/RPA training requirements required to support NDS future fighting force.							
MUSE project funds may be utilized to cover the GCWG Secretariat, studies and analysis activities, supporting current program planning, execution, and future program planning.							
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0M was expended for civilian pay expenses in this program element, and in FY25 0M is forecasted for civilian pay expenses in this program element.							
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Air Force Synthetic Environment for Reconnaissance and Surveillance (AFSERS) Development			3.869	3.963	4.048	-	4.048
Description: DoD's simulation/training system of choice for Intelligence Surveillance and Reconnaissance (ISR)systems, sensors, and platforms. Includes AFSERS, Common Ground Station Interface, and infrastructure support.							
FY 2025 Plans:							
- Continue to develop and update sensor models and release new MUSE/AFSERS versions to reflect evolving RPA and ISR improvements to support theater level exercises such as Ulchi Freedom Shield (Korean Theater exercises), Yama Sakura, Keen Edge, Balikatan, Pacific Sentry, Austere Challenge, and associated events.							
- Continue to respond rapidly to Cyber Security threats as they are identified.							
- Continue to update and optimize software architecture and modularization to facilitate extensibility and scalability.							
- Continue to integrate a new high fidelity SAR model into the MUSE/AFSERS baseline which provides realistic imagery based upon material encoded terrain.							
- Continue to conduct integration testing with designated federations (such as ASCCE) to ensure joint interoperability with services.							
- Continue to perform DMON Integration: Support CAFDMO SPRs for AFSERS; Integration/Testing at Distributed Training Centers.							
- Continue to develop Electronic Warfare (EW) jamming by MUSE/AFSERS upon other aircraft simulations.							
- Continue to develop and integrate swarm and kinetic (Kamikaze) UAVs/RPAs capabilities.							
- Continue to build new ISR platform simulations with multi-sensor capability to include P-3 ORION & P-8 POSEIDON.							

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 675092 / JTC/SIL MUSE		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Continue to develop and integrate weather effects upon the MUSE/AFSERS flight characteristics and sensors. - Continue to develop physics-based IR 3D models, targets, and terrain through the use of material encoding. - Continue to develop cloud-based MUSE/AFSERS simulation capabilities. - Continue to support the deployment of the AFSERS Cloud Based Infrastructure. FY 2026 Base Plans: Will continue the following efforts: - Develop and update sensor models for new MUSE/AFSERS versions to reflect evolving RPA and ISR improvements to support theater level exercises such as Ulchi Freedom Shield (Korean Theater exercises), Yama Sakura, Keen Edge, Balikatan, Pacific Sentry, Austere Challenge, and associated events. - Respond rapidly to Cyber Security threats as they are identified. - Implement MOSA to optimize software architecture and modularization to facilitate extensibility and scalability. - Develop modeling SOSA by developing sensors that can be added to any aircraft. - Integrate a high-fidelity SAR model into MUSE/AFSERS for more realistic SAR imagery based upon material encoded terrain for US only exercises. - Fully integrate a new GOTS image generator to provide synthetic realistic video and imagery in the EO and IR spectrums retiring legacy platforms (VRSG, NVIG) - Conduct integration testing with designated federations to ensure joint interoperability with services. - Expand ISR capabilities to support Information Warfare Training Objectives. - DMON Integration: Support CAFDMO SPRs for AFSERS; Integration/Testing at Distributed Training Centers. - Enhance Electronic Warfare (EW) jamming by MUSE/AFSERS upon other aircraft simulations based on MJAT. - Improve GPS jamming effects in MUSE/AFSERS based on MJAT. - Develop air launched UAS/RPA aircraft to support current real world development efforts. - Build new ISR platform simulations with multi-sensor capability (full motion video, GMTI, SAR). - Develop and integrate weather effects upon MUSE/AFSERS flight characteristics and sensors. - Develop physics-based IR 3D models, targets, and terrain through the use of material encoding. - Assess/evaluate emerging technologies such as Direct Energy Weapons - Will start these following efforts: - Develop and incorporate Direct Energy Weapons. - Assess/evaluate Counter UAS Capability. - Research, develop and integrate swarm, kinetic (Kamikaze) UAVs/RPAs, and attributable UAS capabilities. - Develop and fully integrate Cloud Based Capability on SIPRNET and NIPRNET leveraging SBIR Phase III.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 675092 / JTC/SIL MUSE		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Integrate a high-fidelity SAR model into MUSE/AFSERS for more realistic SAR imagery based upon material encoded terrain for US participation with coalition. - Integration with Army's Next Generation Constructive Environment.						
<i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Funding increased due to wage increases.						
Accomplishments/Planned Programs Subtotals		3.869	3.963	4.048	-	4.048
C. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
D. Acquisition Strategy						
This is an enterprise services effort, jointly funded and centrally managed by the US Army. JTC/SIL falls under US Army Futures Command. US Army PE 0305204A funding ending after FY 2021. Additional continual Army funding expected from PEO STRI, JSJ7, exercise events, and other external DoD users. AFLCMC/WIN MIPRs funds in support of Unmanned Aircraft Systems modeling and simulation efforts.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 675092 / JTC/SIL MUSE					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
AFSERS Development	MIPR	Redstone Arsenal : Huntsville, AL	-	3.638	Dec 2023	3.727	Dec 2024	3.805	Dec 2025	-		3.805	-	-	-
Subtotal			-	3.638		3.727		3.805		-		3.805	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Services	C/Various	Not specified. : TBD	-	0.231	Feb 2024	0.236	May 2025	0.243	May 2026	-		0.243	-	-	-
Subtotal			-	0.231		0.236		0.243		-		0.243	-	-	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			-	3.869		3.963		4.048		-		4.048	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		
			Project (Number/Name) 675092 / JTC/SIL MUSE		

	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
JTC/SIL MUSE																												
AFSERS Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 675092 / JTC/SIL MUSE

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JTC/SIL MUSE				
AFSERS Development	1	2024	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 676025 / Data Compression			
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
676025: Data Compression	0.000	5.503	5.684	7.090	0.000	7.090	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The Data Compression project develops, tests, and implements sensor data compression and decompression algorithms and standards for current and emerging space and airborne ISR sensor modalities crewed and uncrewed airborne platforms, associated ground stations, and AF Distributed Common Ground System (DCGS).												
The primary product of the Data Compression project is the Reduction of Data Using Compression Enhancement (RDUCE) provides efficient and integrated compression of Intelligence, Surveillance, and Reconnaissance (ISR) sensor data. RDUCE develops, tests, and integrates new sensor data compression software and hardware for current and emerging airborne and space-based ISR sensors. The program develops compression capabilities for manned and unmanned platforms, associated ground stations, and the Distributed Common Ground Systems (DCGS). RDUCE data products meet standard certification for use within the Department of Defense and Intelligence Community (IC) Geospatial Intelligence (GEOINT), Signals Intelligence (SIGINT), and Measurement and Signatures Intelligence (MASINT) collection disciplines. RDUCE compression also allows for maximizing the use of limited bandwidth and delivering more data, faster to the tactical user in the field.												
RDUCE activities include continuous studies, analysis, and updates to support program planning and execution. RDUCE also seeks to acquire certification of its data compression solutions which includes acceptance into the DoD Information Technology Standards Registry (DISR). By ensuring compliance with appropriate standards governing bodies, RDUCE is always ready to satisfy new operational requirements.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.000M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000M is forecast for civilian pay expenses in this program element.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Title: Data Compression							5.503	5.684	7.090	-	7.090	
Description: The Data Compression effort provides the warfighter capabilities to efficiently compress ISR data and to enable dissemination in near-real time to tactical, operational, and strategic users through bandwidth-limited dissemination systems, overcoming limited data storage space, and accelerating data transmission. The program focuses on current and emerging ISR sensors, including incorporation into open architectures like Common Open Architecture Radar Programs (COARPs), Future Airborne Capability Environment (FACE), and Sensor Open System Architecture (SOSA). The software solutions can be leveraged for any platform. For example, the Hyperspectral Imaging (HSI) algorithm was selected by NASA to be included in an experimental												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems		Project (Number/Name) 676025 / Data Compression		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
system on the ISS. Outputs will meet standards certification for use within the DoD Geospatial, Measurement and Signature, and Signals Intelligence collection disciplines. FY 2025 Plans: • Provide continued updates and integration support for the mature TRL modalities and standards: SAR, HSI, SAR Phase History, RF. • Continue to identify platform/sensor partners for initial test/integration across all sensor modes. • Continue to update compression algorithms to address any issues or previously uncaptured use cases to ensure they are operationally relevant. • Finish development of Compression as a Service (CaaS) to accelerate integration efforts. • Will start software integration on next generation field-programmable gate array technology, thereby optimizing space-based capabilities. Details are classified. • Continue research and development of emerging SAR Phased History Compensated Receive Signal Data (CRSD) compression techniques. • Complete initial development of LIDAR modalities. • Complete RF compression standard development for formal adoption. FY 2026 Base Plans: • Will provide continued updates and integration support for the mature TRL modalities and standards: SAR, HSI, SAR Phase History, RF, Compression as a Service (CaaS). • Will continue to identify platform/sensor partners for initial test/integration across all sensor modes. • Will continue to update compression solutions to address any issues or previously uncaptured use cases to ensure they are operationally relevant. • Will continue to develop SAR Phased History Compensated Receive Signal Data (CRSD) compression prototype. • Will continue to develop software integration on next generation field-programmable gate array technology, thereby optimizing space-based capabilities. Details are classified. FY 2025 to FY 2026 Increase/Decrease Statement: FY26 increase to address integration onto new platforms, testing/evaluation of data quality, and develop new compression solutions for emerging data formats. There are increased deliverables in support of LIDAR and SAR activities based on increased CCMD requirements in the DDIL environment.						
Accomplishments/Planned Programs Subtotals		5.503	5.684	7.090	-	7.090

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 676025 / Data Compression

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

Data Compression program is conducted by Air Force Life Cycle Management Center/ Intelligence, Surveillance, and Reconnaissance and Special Operations Forces (AFLCMC/WIN). Acquisition strategy is to develop data compression hardware/software, and data compression standards for various ISR applications to include airborne, space, ground stations, data storage facilities, and exploitation tools. RDUCE will utilize existing contracts with full and open competition where appropriate. Integration will be accomplished by the requisite program offices.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 676025 / Data Compression					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
LIDAR	C/CPAF	ADDA Lab : TBD	-	-		0.250	Dec 2024	-		-		-	-	-	-
Compression Solution Development	Various	Various : Various	-	0.950	Dec 2023	0.450	Dec 2024	2.086	Dec 2025	-		2.086	-	-	-
Subtotal			-	0.950		0.700		2.086		-		2.086	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Standardization Development	C/CPAF	Various : Various	-	0.250	Dec 2023	0.320	Dec 2024	0.327	Dec 2025	-		0.327	-	-	-
Standardization Development (FLEX)	C/CPAF	Various : Various	-	0.300	Dec 2023	0.300	Dec 2024	0.300	Dec 2025	-		0.300	-	-	-
Standardization Development (SARzip)	C/CPAF	Various : Various	-	0.250	Dec 2023	0.250	Dec 2024	0.277	Dec 2025	-		0.277	-	-	-
Standardization Development (zPHD)	C/CPAF	Various : Various	-	0.250	Dec 2023	0.250	Dec 2024	0.277	Dec 2025	-		0.277	-	-	-
Standardization Development (SIGzip)	C/CPAF	Various : Various	-	0.250	Dec 2023	0.250	Dec 2024	0.277	Dec 2025	-		0.277	-	-	-
Subtotal			-	1.300		1.370		1.458		-		1.458	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ADDA Lab	C/CPAF	Various : Various	-	1.000	Dec 2023	0.950	Dec 2024	0.823	Dec 2025	-		0.823	-	-	-
Integration Activities	C/CPAF	Various : Various	-	1.253	Dec 2023	0.950	Dec 2024	1.050	Dec 2025	-		1.050	-	-	-
Platform One and Cloud Works	C/CPAF	Not specified. : TBD	-	-		0.225	Dec 2024	0.130	Dec 2025	-		0.130	-	-	-
Subtotal			-	2.253		2.125		2.003		-		2.003	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems				Project (Number/Name) 676025 / Data Compression					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA: Other Govt Cost	Various	Not specified. : TBD	-	1.000	Oct 2023	1.489	Dec 2024	1.543	Dec 2025	-		1.543	-	-	-
Subtotal			-	1.000		1.489		1.543		-		1.543	-	-	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			-	5.503		5.684		7.090		-		7.090	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 676025 / Data Compression	

	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
RDUCE																												
Compression as a Service																												
Compression Solution Development (LIDAR)																												
Compression Solution Development (SAR)																												
ADDA Lab																												
Standardization Development																												
Standardization Development (SARzip)																												
Standardization Development (FLEX)																												
Standardization Development (zPHD)																												
Standardization Development (SIGzip)																												
Standardization Development (CaaS)																												
AI/ML compression																												
Space-based FPGA Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305206F / Airborne Reconnaissance Systems	Project (Number/Name) 676025 / Data Compression	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
RDUCE				
Compression as a Service	1	2024	4	2025
Compression Solution Development (LIDAR)	3	2024	4	2026
Compression Solution Development (SAR)	1	2024	4	2026
ADDA Lab	1	2024	4	2030
Standardization Development	1	2024	4	2030
Standardization Development (SARzip)	1	2024	4	2030
Standardization Development (FLEX)	1	2024	4	2030
Standardization Development (zPHD)	1	2024	4	2030
Standardization Development (SIGzip)	1	2024	4	2030
Standardization Development (CaaS)	1	2026	4	2030
AI/ML compression	1	2024	4	2024
Space-based FPGA Development	1	2025	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305207F / <i>Manned Reconnaissance Systems</i>

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	0.000	14.330	16.323	16.643	0.000	16.643	-	-	-	-	-	-
674754: <i>RC-135 Systems</i>	0.000	14.330	16.323	16.643	0.000	16.643	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

RC-135 operational systems development and enhancement activities support design studies, engineering analysis, non-recurring engineering and other efforts associated with the integration and modification of the RC-135 programs and their specialized mission systems, both air and ground. Associated ground systems include RIVET JOINT Ground Data Processing Systems (GDPS), Distributed Mission Shelters (DMS), Mission Crew Training Systems (MCTS), Airborne Capabilities Extension System (ACES), and the Operational Flight Trainers (OFT, a.k.a. flight deck simulators). RC-135 funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs. Extensive utilization of Commercial-Off-The-Shelf (COTS) based solutions allows rapid fielding of needed capabilities through upgrades and supports Diminishing Manufacturing Sources (DMS)/Vanishing Vendor Items (VVI) logistics mitigation efforts. The results of these efforts provide for preliminary assessments of technical feasibility, operability, or military utility as well as specific engineering implementations for integration into the various systems baseline configurations.

These activities are managed by the 645th Aeronautical Systems Group (645 AESG). The 645 AESG (a.k.a. BIG SAFARI) manages engineering, ground and support systems modifications, integration, flight testing, product assurance, acceptance testing, logistics, and training activities.

Aircraft, sensor systems, and associated ground support system engineering planned for FY 2025 budget includes developmental planning, execution and support for the RC-135V/W RIVET JOINT Baselines 13 and 14 (BL-13 and BL-14), the RC-135U COMBAT SENT Baselines 6 and 7 (BL-6 and BL-7), and the RC-135S COBRA BALL BL-7 and BL-14 configurations. The world-wide challenge of keeping pace against technologically agile targets used by both nation and non-nation-state adversaries and the rapid evolution of COTS technologies demands a responsive and adaptive acquisition strategy for fielding incremental spiral upgrades and baseline capabilities that are logistically supportable at all locations. The 645 AESG uses an incremental baseline strategy to mitigate risk, find affordable solutions and field needed capabilities on the aircraft and associated ground support and training systems. Obsolescence and DMS/VVI logistical concerns are addressed with each baseline upgrade and assessed annually as part of the fleet sustainment responsibilities.

RIVET JOINT BL-14 upgrades consist of, but are not limited to, providing a continuous recording capability, High Probability of Intercept (HPOI) Receiver, Corvus Digital Receiver (CDR), Communications, Navigation, and Surveillance - Air Traffic Management (CNS-ATM) avionics upgrades such as new autopilot, automated data system-broadcast (ADS-B) and Mode 5 identify friendly or foe (IFF) systems. RIVET JOINT BL-15 upgrades consist of, but are not limited to, scalable processor improvements, Wideband Agile Receiver and Pulse Detector (WARPD), Expanded Steered Beam capability, and augmented Remote Maintenance.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305207F I Manned Reconnaissance Systems	
COMBAT SENT BL-6 and initial BL-7 developmental enhancements consist of, but are not limited to, steerable beams for the COMINT sub-system, improved High Probability of Intercept (HPOI) capability and specific emitter identification (SEI) electronic intelligence (ELINT) sub- system, Primary Sensor Measurement System (PRISMS) merge with manual precision collections, millimeter wave and low band capabilities with PRISMS, digitizing antennas, direction finding of High Frequency signals and expanded streaming audio services and 360 degree aircraft tracking system. COBRA BALL BL-14 developmental enhancements consist of, but are not limited to, software updates to the MASINT collection system (MCS), high-gain steerable-beam K-band antenna array, high-band direction finding (DF) antenna, High Probability of Intercept (HPOI), enhanced Signals of Interest identification and classification, digitized collection antenna (Cerberus), enhanced time accuracy, coherent CFCS collections, integration of specific Quick Reaction Capabilities (QRC), migration of the common RIVET JOINT hardware and software, Ground Systems Baseline upgrades add the capabilities found in the corresponding RIVET JOINT Baseline upgrades (i.e., RIVET JOINT BL-13 corresponds to Ground System BL-13, RIVET JOINT BL-14 corresponds to Ground System BL-14, RIVET JOINT BL-15 corresponds to Ground System BL-15) to the Ground Systems to ensure crews receive training on the appropriate mission system configurations. Activities also include studies and analysis to support both current program planning and execution and future program planning. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 0.00M was expended for civilian pay expenses in this program element, and in CY 0.00M is forecasted for civilian pay expenses in this program element. The FY 2024 funding request was reduced by \$1.608 million to account for the availability of prior year execution balances. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305207F I Manned Reconnaissance Systems				
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget	14.330	16.323	16.729	0.000	16.729	
Current President's Budget	14.330	16.323	16.643	0.000	16.643	
Total Adjustments	0.000	0.000	-0.086	0.000	-0.086	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	0.000	0.000				
• SBIR/STTR Transfer	0.000	0.000				
• Other Adjustments	0.000	0.000	-0.086	0.000	-0.086	
Change Summary Explanation						
Minor adjustment due to change in inflation rate.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Manned Reconnaissance Systems				14.330	16.323	16.643
Description: Non-recurring engineering (NRE) for Baseline system developments and enhancements to improve mission capabilities of the RIVET JOINT BL-14 and BL-15, COMBAT SENT BL-6, COBRA BALL BL-7, and Ground Systems BL-13 and BL-14.						
FY 2025 Plans:						
• Continue Engineering Analysis						
• Continue NRE and other efforts associated with the integration and modification of the RC-135 primary mission equipment						
• Continue Specialized Mission Systems development for the collection of both air and ground signals.						
FY 2026 Plans:						
Will initiate contracts to:						
• Continue Engineering Analysis						
• Continue NRE and other efforts associated with the integration and modification of the RC-135 primary mission equipment						
• Continue Specialized Mission Systems development for the collection of both air and ground signals.						
FY 2025 to FY 2026 Increase/Decrease Statement:						
Minor increase in program cost to account for inflation.						
Accomplishments/Planned Programs Subtotals				14.330	16.323	16.643

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305207F / <i>Manned Reconnaissance Systems</i>		

D. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u> <u>Base</u>	<u>FY 2026</u> <u>OOB</u>	<u>FY 2026</u> <u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APAF 05 Line Item DARPO1: RC-135	220.121	242.066	231.009	-	231.009	-	-	-	-	-	-
• APAF 06 Line Item DARPO1: <i>Initial Spares/Repair Parts</i>	55.614	56.408	57.108	-	57.108	-	-	-	-	-	-
• APAF 07 Line Item DARPO1: <i>Aircraft Support</i>	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-
<i>Equipment & Facilities</i>											
• OPAF 04 Line Item 846070: <i>DARPO RC-135</i>	28.882	29.524	30.136	-	30.136	-	-	-	-	-	-
• RDTE 07 PE 0304260F: <i>Airborne SIGINT Enterprise</i>	43.443	41.917	41.882	-	41.882	-	-	-	-	-	-

Remarks

E. Acquisition Strategy

The RC-135 RIVET JOINT, COBRA BALL, and COMBAT SENT configured aircraft are maintained and kept technologically relevant through an incremental baseline upgrade acquisition strategy. Technology upgrades and Quick Reaction Capability (QRC) developments are acquired through the 645 AESG in accordance with the BIG SAFARI Program Management Directive (PMD) and Class Justification and Approval (J&A) document for acquisition of supplies and services using an "other than full and open competition" criteria. The supplies and services procured by 645 AESG satisfy National Security requirements (FAR 6.302-6) through the use of their standing J&A or address Unusual and Compelling Urgency requirements (FAR 6.302-2) through an individually prepared J&A supported by the BIG SAFARI Life Cycle Management Plan (LCMP) across the full spectrum of system life cycle management from developmental engineering to system retirement ("cradle to grave") support. Due to the ever changing threat and rapidly evolving electromagnetic combat environment encountered during our prolonged commitment to contingency operations, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Command (CCMD) and/or Intelligence Community (IC) requirements to better meet the war fighting objectives.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305207F / Manned Reconnaissance Systems				Project (Number/Name) 674754 / RC-135 Systems					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Systems Development	SS/ Various	L3Harris Technologies : Greenville, TX	-	14.330	Dec 2023	16.323	Dec 2024	16.643	Dec 2025	-		16.643	-	-	0.000
Subtotal			-	14.330		16.323		16.643		-		16.643	-	-	N/A
Remarks															
All activity is based around the Programmed Depot Maintenance (PDM) airframe and missions systems schedule which includes multiple contracts and organizations with overlapping and continuous periods of performance. Due to the rapidly changing threat environment, the acquisition program manager has the authority to redirect funding as necessary to meet current stated and emerging Combatant Command (CCMD) and/or Intelligence Community (IC) requirements.															
			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			-	14.330		16.323		16.643		-		16.643	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305207F / <i>Manned Reconnaissance Systems</i>					Project (Number/Name) 674754 / <i>RC-135 Systems</i>			

	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
Baseline Spiral Development																												
RIVET JOINT Baseline 14 Integration, Test and Fielding																												
RIVET JOINT Baseline 15 Development																												
RIVET JOINT Baseline 15 Integration, Test and Fielding																												
RIVET JOINT Baseline 16 Development																												
RIVET JOINT Baseline 16 Integration, Test and Fielding																												
RIVET JOINT Baseline 17 Development																												
COMBAT SENT Baseline 6 Integration, Test and Fielding																												
COMBAT SENT Baseline 7 Development																												
COMBAT SENT Baseline 7 Integration, Test and Fielding																												
COBRA BALL Baseline 7 Integration, Test and Fielding																												
COBRA BALL Baseline 14 Development																												
COBRA BALL Baseline 14 Integration, Test and Fielding																												
COBRA BALL Baseline 15 Development																												
COBRA BALL Baseline 15 Integration, Test and Fielding																												
COBRA BALL Baseline 16 Development																												
COBRA BALL Baseline 16 Integration, Test and Fielding																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																				Date: June 2025								
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0305207F / Manned Reconnaissance Systems										Project (Number/Name) 674754 / RC-135 Systems								
	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
Ground Systems Baseline 14 Development, Integration, Test and Fielding																												
Ground Systems Baseline 15 Development, Integration, Test and Fielding																												
Ground Systems Baseline 16 Development, Integration, Test and Fielding																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305207F / Manned Reconnaissance Systems	Project (Number/Name) 674754 / RC-135 Systems	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Baseline Spiral Development				
RIVET JOINT Baseline 14 Integration, Test and Fielding	1	2024	3	2026
RIVET JOINT Baseline 15 Development	2	2024	2	2025
RIVET JOINT Baseline 15 Integration, Test and Fielding	2	2025	2	2029
RIVET JOINT Baseline 16 Development	1	2026	1	2028
RIVET JOINT Baseline 16 Integration, Test and Fielding	1	2028	4	2029
RIVET JOINT Baseline 17 Development	1	2029	4	2030
COMBAT SENT Baseline 6 Integration, Test and Fielding	1	2024	3	2025
COMBAT SENT Baseline 7 Development	2	2025	4	2026
COMBAT SENT Baseline 7 Integration, Test and Fielding	4	2026	4	2030
COBRA BALL Baseline 7 Integration, Test and Fielding	1	2024	3	2024
COBRA BALL Baseline 14 Development	1	2024	3	2024
COBRA BALL Baseline 14 Integration, Test and Fielding	3	2024	2	2026
COBRA BALL Baseline 15 Development	1	2024	3	2026
COBRA BALL Baseline 15 Integration, Test and Fielding	3	2026	4	2028
COBRA BALL Baseline 16 Development	2	2027	3	2028
COBRA BALL Baseline 16 Integration, Test and Fielding	3	2028	2	2030
Ground Systems Baseline 14 Development, Integration, Test and Fielding	1	2024	3	2024
Ground Systems Baseline 15 Development, Integration, Test and Fielding	2	2025	3	2027
Ground Systems Baseline 16 Development, Integration, Test and Fielding	1	2028	4	2029

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305207F / Manned Reconnaissance Systems	Project (Number/Name) 674754 / RC-135 Systems
Note Ground systems include the RIVET JOINT Mission Crew Training Systems (MCTS), Ground Data Processing System (GDPS), Modular Processing System (MPS), Airborne Capabilities Extension Systems (ACES) and Operational Flight Trainers (OFT). Baseline upgrades are determined by the aircraft programmed depot maintenance schedule. Hardware, firmware or software enhancements to the ground systems are set up to match the aircraft baseline upgrades. Typically, baseline configuration changes and enhancements are incorporated first into the MCTSs and OFTs, and then integrated into GDPS, MPS, and ACES. Delivery of the enhancements to the MCTSs and OFTs are planned to arrive concurrently, if not slightly prior, to the delivery of the first aircraft with an upgraded cockpit or mission system in a given baseline configuration to allow for aircrew and ground personnel training and qualification.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					PE 0305208F / <i>Distributed Common Ground/Surface Systems</i>							
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	0.000	92.354	86.476	79.033	0.000	79.033	-	-	-	-	-	-
674826: <i>Common Imagery Ground / Surface Systems</i>	0.000	92.354	86.476	79.033	0.000	79.033	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Air Force Distributed Common Ground System (AF DCGS) weapon system (AN/GSQ-272) is the Combat Air Force (CAF)'s primary Command and Control, Intelligence, Surveillance, and Reconnaissance (C2ISR) node providing global orchestration, sense-making, indications & warning, and dissemination of a multitude of sensor data. The AF DCGS mission is to provide Joint Task Force (JTF) Commanders, Joint and Combined Air Component Commanders (JFACC/CFACC), Combatant Commands, and other-directed organizations with global, time-sensitive Intelligence, Surveillance and Reconnaissance (ISR) data and fused multi-Intelligence (Multi-INT) products across the continuum of conflict. The AF DCGS weapon system provides capabilities required to connect, direct, and exploit sensors, as well as transform multi-source/multi-domain data into actionable intelligence to find, fix, and track adversary forces and enable simultaneous kill chains at the speed and scale across the continuum of conflict. AF DCGS is also a major component of the DoD intelligence infrastructure and the AF's primary intelligence sense-making element and critical enabler for the Department of the Air Force (DAF) Battle Network. AF DCGS supports Combatant Commanders by leveraging its resilient, distributed cloud architecture, ensuring survivable Command and Control (C2), robust communication capabilities, and rapid sensor integration.

AF DCGS is a Multi-INT, federated weapon system capable of exploiting intelligence data from manned platforms, Remotely Piloted Aircraft (RPA), non-traditional ISR platforms, national and commercial satellites, and other collection systems. AF DCGS as the primary C2ISR node has access to a multitude of sensors and data across the Intelligence Community, to include Publicly Available Information (PAI). AF DCGS Analysts leverage Artificial Intelligence (AI)/Machine Learning (ML), Automation and Augmentation (AAA) technologies to automate and focus their review/analysis of multi-source/multi-domain intelligence across the tactical/national sensor grid and within federated databases to enable target and problem centric, sensor-agnostic analysis and exploitation to address Joint operational requirements. AF DCGS provides time-dominant and tailored fused intelligence to meet Air Operations Center (AOC) and targeting mission requirements and supports sensor to shooter and the kill chain activities across the continuum of conflict. The DCGS analysts use all available data sources and emerging capabilities to enhance their understanding of intelligence/targeting problem sets and provide the required intelligence.

Currently, AF DCGS is composed of eight core sites (two active duty worldwide, three active duty regional and three Air National Guard regional), six SIGINT Distributed Mission Sites (four collocated with National Mission Partner sites), three Air National Guard full-motion video sites, and four integration and test sites connected by robust, resilient communications infrastructure. AF DCGS currently supports ongoing operations from in-garrison CONUS and OCONUS-based locations.

In alignment with DoD and AF direction, AF DCGS migrated to an open, resilient, distributed cloud architecture to rapidly incorporate modern technologies and tools, new/improved sensor capabilities, and GEOINT, SIGINT and multi-INT mission applications to meet emerging and urgent operational needs. Additionally, DCGS conforms with USD(I&S)'s efforts to improve data sharing through its Common Data Fabric (CDF), as well as the Space Force's efforts with its Unified Data Library (UDL). AF DCGS integrates commercial-off-the-shelf and government-off-the-shelf services and applications to fulfill operational requirements and data sharing requirements across the DoD DCGS community.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305208F I Distributed Common Ground/Surface Systems				
In FY 2025, PEO C3BM approved the transition to a Software Acquisition Pathway (SWP) program, encompassing Mission Applications, Mission Data Services, and DCGS Operations Integration and Transformation, while maintaining a single ACAT III for Network Infrastructure Transformation (NIT). This step was taken to improve responsiveness and expedite minimum viable products to meet warfighter needs on software-centric capabilities. By adopting SWP, the program office can more responsively incorporate warfighter requirements, accelerate the fielding of capabilities, drive swift integration of emerging technologies, and align the agile release trains with this streamlined acquisition process. The SWP structure is scheduled to begin in FY 2026 and will be known as the AF DCGS Software Acquisition Pathway Program in budgeting documents. Efforts within this PE align with USAF investment in ABMS (0604003F), Tech Transition - Air (0604858F), and ISR Transport and Processing (0305240F), formerly Support to DCGS Enterprise, to deliver the Long Range Fires architecture for the DAF BATTLE NETWORK. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.646M was expended for civilian pay expenses in this program element, and in FY 2025 \$1.141M is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		88.854	86.476	84.936	0.000	84.936
Current President's Budget		92.354	86.476	79.033	0.000	79.033
Total Adjustments		3.500	0.000	-5.903	0.000	-5.903
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		3.500	0.000	-5.903	0.000	-5.903
Change Summary Explanation						
In FY 2024, the \$3.5M increase is Ukraine Supplemental funding to improve Enterprise Multi-INT Data and Services capability in USAFE.						
In FY 2026, the \$5.903M decrease is for higher Air Force needs.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305208F / Distributed Common Ground/Surface Systems				Project (Number/Name) 674826 / Common Imagery Ground / Surface 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
674826: Common Imagery Ground / Surface Systems	0.000	92.354	86.476	79.033	0.000	79.033	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

In FY 2026, AF DCGS will transition from four ACAT III efforts (GEOINT Transformation, SIGINT Transformation, Multi-INT Infrastructure, and Network Infrastructure Transformation) to one Software Acquisition Pathway (SWP), encompassing Mission Applications, Mission Data Services, and DCGS Operations Integration and Transformation (OI&T), and maintain the Network Infrastructure Transformation (NIT) ACAT III. The SWP with its realigned categories will consist of the efforts formerly in the GEOINT Transformation, SIGINT Transformation and Multi-INT Infrastructure ACATs.

1. GEOINT Transformation-1: Rapidly integrates new and updated GEOINT capabilities and enables quick/seamless integration of new sensors, data types, sensor planning, and command and control (C2) capabilities on to the AF DCGS resilient, distributed cloud architecture (mix of private on-premises and Air Force Commercial Cloud architecture to meet mission assured requirements) to support DCGS' analyst sense-making, fusion, object based production and disposition of forces tasks. Leverages mission partner methods and tools to the maximum extent possible.

2. SIGINT Transformation-1: Rapidly integrates new and updated SIGINT capabilities and enables quick/seamless integration of new sensors, data types, sensor planning, command and control (C2), and data link visualization capabilities on to the AF DCGS resilient, distributed cloud architecture (mix of private on-premises and Air Force Commercial Cloud architecture to meet mission assured requirements) to support DCGS' analyst sense-making, fusion, object based production and disposition of forces tasks. Leverages mission partner methods and tools to the maximum extent possible.

3. Multi-Intelligence-1: Rapidly integrates new and updated enterprise services, core shared services and applications to include voice and chat communications, collaboration, and situational awareness, Enterprise Multi-INT Data and Services, Multi-INT fusion, and data analytics capabilities (to include Artificial Intelligence/ Machine Learning (AI/ML), Automation and Augmentation (AAA)) on to the AF DCGS resilient, distributed cloud architecture (mix of private on-premises and Air Force Commercial Cloud architecture to meet mission assured requirements) and support DCGS' analyst sense-making, fusion, object based production and disposition of forces tasks. Rapidly integrates new and updated data exchange and interoperability capabilities in support of USD(I&S)'s Common Data Fabric (CDF) and Space Forces' Unified Data Library (UDL) Initiatives. Addresses program office test and evaluation activities. Performs test activities for entire AF DCGS enterprise.

New Construct:

Remaining ACAT III Network Infrastructure Transformation: Modernizes the AF DCGS network transport and resilient, distributed cloud architecture to ensure a cyber-resilient, open, scalable, commercial-based, architecture, and required data ingest, transfer, and storage capabilities, collaboration, and content driven discovery for critical reference data. AF DCGS Resilient, Distributed Cloud architecture consists of a mix of on-premises infrastructure/private cloud environment and commercial cloud architecture to meet mission-assured requirements. AF DCGS leverages Unclassified, Secret and Top-Secret Air Force commercial cloud environments. Network

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground/Surface Systems</i>	Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>
infrastructure transformation also handles integration of any required ground line of sight capabilities supporting ISR airborne assets as well as ongoing/planned efforts to converge C2/ISR onto federated, digital infrastructure. AF DCGS Software Acquisition Pathway (SWP): Delivers mission-critical, end-user software applications required to perform global orchestration, sense-making, indications & warning, and dissemination of a multitude of sensor data via Mission Applications, Mission Data Services, and Operations Integration & Transformation sections. The Software Acquisition Pathway (SWP) rapidly integrates, develops, tests, evaluates and fields new and updated GEOINT, SIGINT, & Multi-INT capabilities by leveraging COTS/GOTS Software; enables quick/seamless integration of new sensors, data types, sensor planning, and C2 capabilities; and provides data link visualization capabilities on to AF DCGS resilient, distributed cloud architecture (private on-premises and/or commercial cloud environments) to meet mission assured requirements. Mission Applications - GEOINT (formerly GEOINT Transformation FY 2024/FY 2025; Part of SWP in FY 2026) efforts include sensor command and control/planning/mission management, imagery intelligence and full motion video capabilities to support DCGS analysts' global orchestration, sense-making, indications and warning, and integration and dissemination of a multitude of sensor data tasks, all while developing and integrating zero trust and cyber security mandates. Mission Applications - SIGINT (formerly SIGINT Transformation FY 2024/FY 2025; Part of SWP in FY 2026) efforts (sensor C2/planning/mission planning, sensor management as well as sensor emulator capabilities, workflow and exploitation, SIGINT Sensor Data Ingest) support DCGS analyst sense-making, fusion, Indications & Warning (I&W) & Data Dissemination tasks, all while developing and integrating cyber security mandates. Mission Data Services (formerly Part of Multi-INT Transformation FY 2024/FY 2025; Part of SWP in FY 2026) Multi-INT efforts include voice and chat communications, collaboration, and situational awareness, Multi-INT Data and Services, Multi-INT fusion, and data analytics capabilities (to include Artificial Intelligence/Machine Learning, Automation, Augmentation (AAA)), integration of new and updated data exchange and interoperability capabilities in support of USD(I&S)'s Common Data Fabric (CDF) and Space Force's Unified Data Library (UDL) Initiatives and integration of cyber security mandates. Ops Integration and Transformation (Was Part of Multi-INT Transformation FY 2024/FY 2025; Part of SWP in FY 2026): Includes management and funding for AF DCGS Continuous Integration/Continuous Delivery (CI/CD) environment integrated with AF DCGS non-cloud-based system components ISO agile software development, test, integration and deployment activities. Funds and manages program office test and evaluation activities and commercial cloud efforts. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.646M was expended for civilian pay expenses in this program element, and in FY 2025 \$1.141M is forecast for civilian pay expenses in this program element. The FY 2026 request was reduced by \$2.315 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."		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / Distributed Common Ground / Surface Systems		Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: GEOINT Transformation-1 Description: Rapidly integrates new and updated GEOINT capabilities and enables quick/seamless integration of new sensors, data types, sensor planning, and command and control (C2) capabilities on to the AF DCGS resilient, distributed cloud architecture (mix of private on-premises and Air Force Commercial Cloud architecture to meet mission assured requirements) to support DCGS' analyst sense-making, fusion, object based production and disposition of forces tasks. Leverages mission partner methods and tools to the maximum extent possible. FY 2025 Plans: - Continue to develop, integrate, test and field new and updated GEOINT sensor/sensor mode command and control (C2), mission planning (Enterprise Collection Planner), sensor management and operational capabilities - Continue to develop, integrate, test and field new and updated GEOINT-specific High Altitude (HA) and Full Motion Video (FMV) operational (workflow, exploitation, etc.) and management capabilities on DCGS private on-premises and/or public commercial cloud architecture (pilot efforts for commercial cloud) FY 2026 Base Plans: Transitioning to Software Acquisition Pathway Program FY 2025 to FY 2026 Increase/Decrease Statement: Funding transferred into Mission Application to realign funds as part of transition to Soft-ware Acquisition Pathway.		26.523	18.200	0.000	-	0.000
Title: SIGINT Transformation-1 Description: Rapidly integrates new and updated SIGINT capabilities and enables quick/seamless integration of new sensors, data types, sensor planning, command and control (C2), and data link visualization capabilities on to the AF DCGS resilient, distributed cloud architecture (mix of private on-premises and Air Force Commercial Cloud architecture to meet mission assured requirements) to support DCGS' analyst sense-making, fusion, object based production and disposition of forces tasks. Leverages mission partner methods and tools to the maximum extent possible. FY 2025 Plans: - Continue to develop, integrate, test and field new and updated SIGINT sensor command and control (C2), mission planning, and sensor management operational capabilities as well as sensor emulator capabilities - Continue to develop, integrate, test, and field new and updated SIGINT-specific operational (workflow and exploitation) and management capabilities, data link situational awareness capabilities, on DCGS private on-		38.458	26.700	0.000	-	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground / Surface Systems</i>		Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
premises and intelligence community cloud architecture, as well as integrate new data types into the SSDI capability.						
FY 2026 Base Plans: Transitioning to Software Acquisition Pathway Program						
FY 2025 to FY 2026 Increase/Decrease Statement: Funding transferred into Mission Application to realign funds as part of transition to Software Acquisition Pathway.						
Title: Multi-Intelligence-1		18.372	41.076	0.000	-	0.000
Description: Rapidly integrates new and updated enterprise services, core shared services and applications to include voice and chat communications, collaboration, and situational awareness, Enterprise Multi-INT Data and Services, Multi-INT fusion, and data analytics capabilities (to include Artificial Intelligence/Machine Learning AI/ML, Automation and Augmentation (AAA)) on to the AF DCGS resilient, distributed cloud architecture (mix of private on-premises and Air Force Commercial Cloud architecture to meet mission assured requirements) and support DCGS' analyst sense-making, fusion, object based production and disposition of forces tasks. Rapidly integrates new and updated data exchange and interoperability capabilities in support of USD(I&S)'s Common Data Fabric (CDF) and Space Forces' Unified Data Library (UDL) Initiatives. Addresses program office test and evaluation activities. Performs test activities for entire AF DCGS enterprise.						
FY 2025 Plans: - Continue to rapidly develop, integrate, test and field new and updated Multi-INT, AAA, multi-INT fusion, and visualization/situational awareness and data access capabilities on DCGS private on-premises and/or public commercial cloud architecture - Continue to rapidly develop, integrate, test and field Intelligence Monitoring and Predictive Analysis of Cyberspace Targeting (IMPACT) program capabilities - Continue to fund test support to complete developmental test events for operational capabilities						
FY 2026 Base Plans: Transitioning to Software Acquisition Pathway Program						
FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / Distributed Common Ground / Surface Systems		Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Funding transferred into Mission Data Services/ Operations Integration and Transformation to realign funds as part of transition to Software Acquisition Pathway.						
Title: Network Infrastructure Transformation-1 Description: Modernizes the AF DCGS network transport and resilient, distributed cloud architecture to ensure a cyber-resilient, open, scalable, commercial-based, architecture, and required data ingest, transfer, and storage capabilities, collaboration, and content driven discovery for critical reference data. AF DCGS Resilient, Distributed Cloud architecture consists of a mix of on-premises infrastructure/private cloud environment and commercial cloud architecture to meet mission-assured requirements. AF DCGS leverages Unclassified, Secret and Top-Secret Air Force commercial cloud environments. Network infrastructure transformation also handles integration of any required ground line of sight capabilities supporting ISR airborne assets as well as ongoing/planned efforts to converge the Air Operations Center, DCGS and Targeting into a federated, digital infrastructure. FY 2025 Plans: - Continue to develop, integrate and test updates to the DCGS network transport, OA Platform as a Service (PaaS) on-premises and commercial cloud infrastructure, enterprise and core shared services and line of site capability - Continue to integrate recurring cyber security patches and develop solutions to meet AF-mandated cyber security upgrades - Continue to improve DevSecOps capabilities to support development, integration and test of enterprise services, core shared services, mission applications, and cyber security patches FY 2026 Base Plans: - Will continue to develop, integrate, test and field updates to the DCGS network transport systems and management capabilities, Resilient, Distributed Cloud environments, end user devices (workstations, etc.) and line of site capabilities - Will continue to develop, integrate, test and field mandated cyber security capabilities/update FY 2025 to FY 2026 Increase/Decrease Statement: Funds increase by \$0.400M due to increased integration of resilient distributed cloud environment work.		9.001	0.500	0.900	-	0.900
Title: Mission Applications		0.000	0.000	40.614	0.000	40.614

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground / Surface Systems</i>		Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Delivers mission-critical, end-user software applications required to perform global orchestration, sense-making, indications & warning, and dissemination of a multitude of sensor data. Mission Application efforts rapidly integrates, develops, tests, evaluates and fields new and updated GEOINT, SIGINT, & Multi-INT capabilities by leveraging COTS/GOTS Software; enables quick/seamless integration of emerging airborne ISR and space-based sensors, data types, sensor planning, and C2 capabilities; and provides data link visualization capabilities on to AF DCGS resilient, distributed cloud architecture (private on-premises and/or commercial cloud environments) to meet mission assured requirements. FY 2025 Plans: N/A FY 2026 Base Plans: Mission Applications GEOINT (GEOINT Transformation in FY 2024/FY 2025; Part of SWP in FY 2026) efforts include sensor C2/planning/mission management, high altitude (HA) and full motion video to support DCGS analyst sense-making, fusion, object-based production and disposition of forces tasks, all while developing and integrating cyber security mandates. FY 2026 Plans - Will continue to develop and integrate cyber security mandates - Will continue to develop, integrate, test and field new and updated GEOINT sensor/sensor mode command and control (C2), mission planning (Enterprise Collection Planner), sensor management and operational capabilities - Will continue to develop, integrate, test and field new and updated GEOINT-specific Imagery Intelligence and Full Motion Video (FMV) operational (workflow, exploitation, etc.) and management capabilities on resilient, distributed cloud environment. Will Continue GEOINT mission application commercial cloud efforts. Mission Applications SIGINT (SIGINT Transformation in FY 2024/FY 2025; Part of SWP in FY26) efforts (sensor C2/planning/mission planning, sensor management as well as sensor emulator capabilities, workflow and exploitation, SIGINT Sensor Data Ingest) support DCGS analyst sense-making, fusion, object-based production and disposition of forces tasks, all while developing and integrating cyber security mandates. FY 2026 Plans: - Will continue to develop, integrate, test and field new and updated SIGINT sensor command and control (C2), mission planning, and sensor management operational capabilities as well as sensor emulator capabilities						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground/Surface Systems</i>		Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Will continue to develop, integrate, test, and field new and updated SIGINT-specific operational (workflow and exploitation), as well as management capabilities and data link situational awareness capabilities, on resilient, distributed cloud as well as develop and integrate new data types into the SIGINT Sensor Data Ingest (SSDI) capability. - Will continue to develop and integrate cyber security mandates FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: The combined funding in the GEOINT and SIGINT Transformations are transferred into Mission Applications in FY 2026. This is not a new start.						
Title: Mission Data Services Description: Efforts include voice and chat communications, collaboration, and situational awareness, Multi-INT Data and Services, Multi-INT fusion, and data analytics capabilities (to include Artificial Intelligence/Machine Learning, Automation, Augmentation (AAA)), integration of new and updated data exchange and interoperability capabilities in support of USD(I&S)'s Common Data Fabric (CDF) and Space Force's Unified Data Library (UDL) Initiatives. FY 2025 Plans: N/A FY 2026 Base Plans: - Will continue to rapidly develop, integrate, test and field new and updated Multi-INT, AAA, multi-INT fusion, and visualization/situational awareness and data access capabilities on resilient, distributed cloud environment - Will continue to fund test support to complete developmental test events for operational capabilities - Will continue to develop, integrate, test and field new enterprise and core shared services, and management capabilities on resilient, distributed cloud environment FY 2025 to FY 2026 Increase/Decrease Statement: Funding from Multi-Int Transformation is being transferred into Mission Data Services and Operations Integration and Transformation in FY 2026. These are not new starts.		0.000	0.000	17.534	-	17.534
Title: Ops Integration and Transformation (OI&T)		0.000	0.000	19.985	-	19.985

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025							
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground/Surface Systems</i>		Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>							
B. Accomplishments/Planned Programs (\$ in Millions)											
		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total					
Description: Includes management and funding for AF DCGS Continuous Integration/Continuous Delivery (CI/CD) environment integrated with AF DCGS non-cloud-based system components ISO agile software development, test, integration and deployment activities. Funds and manages program office test and evaluation activities and commercial cloud efforts. FY 2025 Plans: N/A FY 2026 Base Plans: - Will continue to provide AF DCGS CI/CD environment integrated with AF DCGS non-cloud-based system components ISO agile software development, test, integration and deployment activities. - Will continue to fund test support to complete developmental test events for operational capabilities - Will continue to develop and integrate cyber security mandates FY 2025 to FY 2026 Increase/Decrease Statement: Funding from Multi-Int Transformation is being transferred into Mission Data Services and Operations Integration and Transformation in FY 2026. These are not new starts.											
Accomplishments/Planned Programs Subtotals		92.354	86.476	79.033	0.000	79.033					
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
• OPAF 04 Line Item, 846080: DCGS-AF	77.096	16.754	49.716	-	49.716	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
AF DCGS acquisition strategy is to use approved lean and agile industry practices and leverage to the maximum extent possible commercial off the shelf, government off the shelf, and mission partner capabilities to continuously develop and field new and improved operational capabilities hosted on its open, hybrid cloud environment to meet mission requirements. Contracting strategy involves a combination of Basic Ordering Agreements (BOAs), Indefinite Delivery/Indefinite Quantity (IDIQ) contracts awarded to execute program funds and delivery/task orders are negotiated/awarded individually.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground / Surface Systems</i>	Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>
In FY 2026, AF DCGS will transition from four ACAT III efforts (GEOINT Transformation, SIGINT Transformation, Multi-INT Infrastructure, and Network Infrastructure Transformation) to one Software Acquisition Pathway (SWP), encompassing Mission Applications, Mission Data Services, and DCGS Operations Integration and Transformation (OI&T), and maintain the Network Infrastructure Transformation (NIT) ACAT III. The SWP with its realigned categories will consist of the efforts formerly in the GEOINT Transformation, SIGINT Transformation and Multi-INT Infrastructure ACATs. Adopting SWP will improve responsiveness to warfighter needs for software-centric capabilities, expedite minimum viable products, drive technology integration, and align agile release trains with streamlined acquisition.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground/Surface Systems</i>				Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
GEOINT Transformation-1	Various	Various : Various	-	21.450	Jan 2024	14.600	Jan 2025	-		-		-	-	-	-
SIGINT Transformation-1	Various	Various : Various	-	32.538	Dec 2023	22.796	Dec 2024	-		-		-	-	-	-
Multi-Intelligence-1	Various	Various : Various	-	12.787	Jan 2024	31.583	Jan 2025	-		-		-	-	-	-
Network Infrastructure Transformation-1	Various	Various : Various	-	7.446	Jan 2024	0.000	Jan 2025	-		-		-	-	-	-
Mission Applications	Various	Various : Various	-	-		-		34.319	Dec 2025	-		34.319	-	-	-
Mission Data Services	Various	Various : Various	-	-		-		11.800	Dec 2025	-		11.800	-	-	-
Ops Integration and Transformation	Various	Various : Various	-	-		-		17.142	Dec 2025	-		17.142	-	-	-
Subtotal			-	74.221		68.979		63.261		-		63.261	-	-	N/A
Remarks															
Note on "various" entries - Contract Method, Contract Type, Performing Activity, Target Value of Contract are entered as "various" because there are multiple projects within each upgrade and depending on the type of effort to be completed determines the contract vehicle to use. There is no way on this document to delineate the contracts that support each upgrade as they are numerous.															
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Ops Integration and Transformation	Various	Various : Various	-	3.520	Dec 2023	3.860	Dec 2024	4.100	Dec 2025	-		4.100	-	-	-
DCA Positions	Various	Various : Various	-	0.647	Oct 2023	1.137	Oct 2024	1.165	Oct 2025	-		1.165	-	-	-
Subtotal			-	4.167		4.997		5.265		-		5.265	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA	Various	Various : Various	-	13.966	Nov 2023	12.500	Nov 2024	10.507	Nov 2025	-		10.507	-	-	-
Subtotal			-	13.966		12.500		10.507		-		10.507	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305208F / Distributed Common Ground / Surface Systems					Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Remarks Note on "various" entries - Contract Method, Contract Type, Performing Activity, Target Value of Contract are entered as "various" because there are multiple projects within in each upgrade and depending on the type of effort to be completed determines the contract vehicle to use. There is no way on this document to delineate the contracts that support each upgrade as they are numerous.															
			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			-	92.354		86.476		79.033		-		79.033	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305208F / Distributed Common Ground / Surface Systems		Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems	

	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
AF Distributed Ground Station																												
GEOINT Transformation Agile Release Train (ART) and Sensor Efforts																												
SIGINT Transformation ART and Sensor Efforts																												
Multi-INT Transformation Data Analytics IPT Efforts																												
Network Infrastructure Transformation: Transport, Open Architecture (PaaS/ Enterprise/Cored Shared Sys) and Commercial Cloud																												
Mission Applications Agile Release Train (ART) for GEOINT and SIGINT																												
Mission Data Services																												
Ops Integration and Transformation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305208F / <i>Distributed Common Ground / Surface Systems</i>	Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
AF Distributed Ground Station				
GEOINT Transformation Agile Release Train (ART) and Sensor Efforts	1	2024	4	2025
SIGINT Transformation ART and Sensor Efforts	1	2024	4	2025
Multi-INT Transformation Data Analytics IPT Efforts	1	2024	4	2025
Network Infrastructure Transformation: Transport, Open Architecture (PaaS/Enterprise/Cored Shared Sys) and Commercial Cloud	1	2024	4	2030
Mission Applications Agile Release Train (ART) for GEOINT and SIGINT	1	2026	4	2030
Mission Data Services	1	2026	4	2030
Ops Integration and Transformation	1	2026	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305220F I RQ-4 UAV							
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	805.150	1.242	6.171	0.000	0.000	0.000	-	-	-	-	-	-
675149: RQ-4 Capability Enhancements	805.150	1.242	6.171	0.000	0.000	0.000	-	-	-	-	-	-
Program MDAP/MAIS Code: 252												
A. Mission Description and Budget Item Justification												
The RQ-4B Global Hawk is a high-altitude, long-endurance, all-weather, day/night Intelligence, Surveillance and Reconnaissance (ISR) platform delivering Synthetic Aperture Radar (SAR)-based Ground Moving Target Indicator (GMTI) and Maritime Mode Target Indicator (MMTI)capabilities to the warfighter.												
To win high-end conflict, the future force design must deliver ISR capabilities and concepts of operation that can survive against peer/near-peer threats in highly contested environments. To accomplish this, in FY 2026 the USAF will focus on maximizing the Block 40's value to the DoD until divestiture.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 0.000M was expended for civilian pay expenses in this program element. In FY 2025, civilian pay expenses are 2.096M in this program element. In FY 2026, RQ-4 execution will transition to O&M, supporting sustainment profile until divestment.												
This program element may include necessary emergent or unanticipated Product Support Costs (PSC) and civilian pay expenses required to manage, execute, and deliver RQ-4 program for emergent or unanticipated weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F.												
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0305220F I RQ-4 UAV			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	1.242	9.516	0.000	0.000	0.000
Current President's Budget	1.242	6.171	0.000	0.000	0.000
Total Adjustments	0.000	-3.345	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-3.345			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305220F / RQ-4 UAV				Project (Number/Name) 675149 / RQ-4 Capability Enhancements			
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
675149: RQ-4 Capability Enhancements	805.150	1.242	6.171	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Funding in this project supports design, development, integration, and testing of capabilities needed to maintain Block 40 capabilities and maximize system performance until divestment, including reliability and maintainability improvements. Funding also supports continuing aircraft airframe updates, aircraft operations surety, cybersecurity, information assurance, and mission critical repair of Government Furnished Equipment (GFE).												
This project includes systems engineering/program management, configuration and data management, test and evaluation, management services, Deficiency Report (DR)/Military Intelligence Program (MIP) Investigations, studies and analysis and fielding support for RQ-4 aircraft and Ground Segment/Communication Systems. The project also ensures compliance with DoD cybersecurity network requirements to operate in the DoD Information Network (DoDIN). This reflects contracting/acquisition strategy for these common elements within the Global Hawk program to provide efficiencies.												
Activities include required airspace, interoperability and communication updates, periodic Operational Flight Program releases, airframe and software upgrades, sensor enhancements including data distribution and storage, enhancements to support multi-domain contested environment operations, Authority to Operate surety enhancements, and studies and analysis supporting system maintenance and divestment.												
The RQ-4 program will maintain interoperability with system of systems partners and continue to incorporate applicable synergies with other platforms, other RPA weapon systems, and Processing, Exploitation & Dissemination (PED) elements. The networking capability for intelligence dissemination is required to provide the data transport interface between the Weapons System, Operations Centers, and external Intelligence Community customers.												
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024, 0.000M was expended for civilian pay expenses in this program element. In FY 2025, civilian pay expenses are 2.096M in this program element. In FY 2026, RQ-4 execution will transition to O&M, supporting sustainment profile until divestment.												
This program element may include necessary emergent or unanticipated Product Support Costs (PSC) and civilian pay expenses required to manage, execute, and deliver RQ-4 program for emergent or unanticipated weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: RQ-4 Infrastructure									1.242	6.171	0.000	

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305220F / RQ-4 UAV	Project (Number/Name) 675149 / RQ-4 Capability Enhancements	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
Description: RQ-4 Infrastructure includes system engineering, program management, and logistics support for all RQ-4 projects as well as safety of flight-related Operational Flight Program (OFP) updates and releases and Other Government Costs (OGC). FY 2025 Plans: -Continue to support engineering efforts required to maintain RQ-4 operations. FY 2026 Plans: -Funding transitioning to O&M, supporting sustainment profile until divestment. FY 2025 to FY 2026 Increase/Decrease Statement: -Funding decreased due to Weapon System transition to sustainment.			
Accomplishments/Planned Programs Subtotals		1.242	6.171
C. Other Program Funding Summary (\$ in Millions)			
N/A			
Remarks			
D. Acquisition Strategy			
The RQ-4 program's acquisition strategy is focused on supporting the existing RQ-4 Block 40 fleet and maintaining its Intelligence, Surveillance, and Reconnaissance (ISR) capability until divestment. Northrop Grumman Corporation serves as the prime contractor, responsible for delivering sustainment and support services. The program utilizes a suite of contract vehicles, primarily Indefinite Delivery, Indefinite Quantity (IDIQ) contracts, to cover activities including sustainment, retrofit, fielding, and contract closeout.			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305220F / RQ-4 UAV				Project (Number/Name) 675149 / RQ-4 Capability Enhancements					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
RQ-4 Ground Segment Modernization Program (GSMP)	SS/CPIF	Northrop Grumman : San Diego, CA	347.017	-		-		-		-		-	-	-	414.785
RQ-4 Infrastructure	Various	Various : Various	367.177	0.250	Dec 2023	-		-		-		-	-	-	-
Subtotal			714.194	0.250		-		-		-		-	-	-	N/A
Remarks Target Value of the RQ-4 EMD, IDIQ, Infrastructure and EPIC Contracts are not segregated by Budget Project Number. GSMP terminated 28 September 2022.															
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Non Prime Technical Support	Various	Various : Dayton, OH	5.107	0.100	Jan 2024	-		-		-		-	-	-	-
Direct Cite Authority Civilian Pay	TBD	Not specified. : TBD	5.505	-		2.096	Nov 2024	-		-		-	-	-	-
Subtotal			10.612	0.100		2.096		-		-		-	-	-	N/A
Remarks Target Value of the RQ-4 effort is not segregated by Budget Project Number.															
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Flight Test & Evaluation	MIPR	412 TW : Edwards AFB, CA	40.396	-		-		-		-		-	-	-	-
Subtotal			40.396	-		-		-		-		-	-	-	N/A
Remarks Flight Test and Evaluation completed in 2023.															

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305220F / RQ-4 UAV				Project (Number/Name) 675149 / RQ-4 Capability Enhancements					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSC: A&AS	Various	Various : Dayton, OH	20.776	0.200	Oct 2023	3.995	Jun 2025	-		-		-	-	-	-
PSC: Other Government Costs	Various	Various : Dayton, OH	19.172	0.692	Oct 2023	0.080	Jun 2025	-		-		-	-	-	-
Subtotal			39.948	0.892		4.075		-		-		-	-	-	N/A
Remarks															
Target Value of the RQ-4 effort is not segregated by Budget Project Number.															
			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			805.150	1.242		6.171		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)	
3600 / 7	PE 0305220F / RQ-4 UAV	675149 / RQ-4 Capability Enhancements	

	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
RQ-4 Capability Enhancement																												
RQ-4 Infrastructure																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305220F / RQ-4 UAV	Project (Number/Name) 675149 / RQ-4 Capability Enhancements

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
RQ-4 Capability Enhancement				
RQ-4 Infrastructure	1	2024	4	2025

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305221F I Network-Centric Collaborative Targeting							
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	0.000	20.696	8.952	12.019	0.000	12.019	-	-	-	-	-	-
675197: NCCT Core Technology	0.000	20.696	8.952	12.019	0.000	12.019	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Network Centric Collaborative Targeting (NCCT) is the Department of the Air Force's (DAF) program of record performing platform agnostic, tactical, cooperative geo-location against time sensitive targets. At its core, NCCT is a cloud-based, Joint sensor network that integrates sensors and shooters via a multi-domain, multi-intelligence (multi-INT) AI/ML-assisted decision matrix over a survivable network to find, fix, track, and target (F2T2) threats in highly contested battlespaces.

Operationally, NCCT is currently deployed on a variety of DAF aircraft, the DCGS, and other DoD assets. NCCT's utilization of intelligent sensor mesh networks, multi-INT fusion, and its cross-domain information sharing and sensor C2 are key contributions to the Sensing Grid's sensing, sense making, integration, and global orchestration thrusts.

NCCT research and development funding supports development of the NCCT message set, network management systems, and technology modernization specific to network and fusion architecture design. Development funds also support software modifications required for development and integration with new and emerging platforms, and incorporation of new data fusion algorithms while satisfying DoD standards and Information Assurance requirements.

FY 2026 funding will be dedicated to filling critical capability gaps in the long-range kill chain and multi-INT High Capacity F2T2EA (HCF) sense-making, as well as continued partnerships and integrations with the Joint Force. NCCT will be working closely with C3BM and will be advancing core capabilities to fulfill critical networking and fusion gaps to advance long-range kill chain operations as well as developing advanced techniques for rapid sensemaking of multi-INT HCF sensors by leveraging cross-intelligence AI/ML-assisted fusion and optimizing the network to mirror targeting priorities. NCCT will also be continuing integration efforts with the Joint Fires Network, DAF Battle Network, and the Navy through the Joint Integrated Fire Control - Electronic Warfare Multi-INT Fusion Engine (JIFC-EW).

FY 2025 funding is focused on continued cloud utilization, refinement of user interface, integrations of multiple new data sources and required fusion upgrades to support them, and optimization of automation gained through synaptic intelligence-based AI/ML.

FY 2024 funding was dedicated to one major capability release and two minor releases. These releases continued development of new and emerging multi-INT use cases, development to integrate additional platforms, fusion on the edge development and integration with the RC-135 fleet, and testing/deployment of Synaptic Intelligence based AI/ML platform. FY 2024 funding continued cloud development and utilization. Additional development, testing, and deployment of a new user interface was also funded. In addition, FY 2024 funded Ukrainian assistance efforts to increase efficiencies in communications and data dissemination networks. Finally, FY 2024 funding continued National to Tactical tip and cue integration, and complete airborne moving target indication (AMTI) to SIGINT data fusion algorithms, while preserving rapid software delivery based on continuous user feedback.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305221F I Network-Centric Collaborative Targeting					
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0M was expended for civilian pay expenses in this program element, and in FY 2025 \$0M is forecasted for civilian pay expenses in this program element.							
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.							
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		12.496	8.952	9.095	0.000	9.095	
Current President's Budget		20.696	8.952	12.019	0.000	12.019	
Total Adjustments		8.200	0.000	2.924	0.000	2.924	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		8.200	0.000	2.924	0.000	2.924	
Change Summary Explanation							
FY 2024 +8.2M for Ukraine Supplemental							
FY 2026 +3.15M to support C3BM priorities including National-to-Tactical tip and queue integration and Long-Range Kill Chain enhancements.							
FY 2026 -0.226M reduction for inflation and contracts 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."							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Core Technology					20.696	8.952	12.019
Description: Accomplishments and planned efforts include development and upgrade of NCCT; technical support to users, fielding new user capabilities, and management activities							
FY 2025 Plans:							
FY 2025 funding is dedicated to one major capability release and one minor release, which includes the following capabilities:							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development				R-1 Program Element (Number/Name) PE 0305221F I Network-Centric Collaborative Targeting							
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
- Continued integration with new and emerging platforms - Optimized automation gained through synaptic intelligence-based AI/ML - Upgraded fusion engines to leverage classified techniques and inputs - Fielding NCCT's "Fusion Forward" capability with the RC-135. FY 2025 preserves rapid software delivery based on continuous user feedback and emerging requirements. FY 2026 Plans: FY 2026 funding will be dedicated to no more than one major capability release and one minor release, which are planned to include the following capabilities: - Core capability advancements in support of long-range kill chain enhancements - Rapid sensemaking and network optimization for HCF - Continued integration with Joint Fires Network, DAF Battle Network, and Navy Finally, FY 2026 funding will preserve rapid software delivery based on continuous user feedback and emerging requirements. FY 2025 to FY 2026 Increase/Decrease Statement: RDT&E funding increases in FY 2026 to support C3BM priorities including National-to-Tactical tip and queue integration and Long-Range Kill Chain enhancements.											
Accomplishments/Planned Programs Subtotals							20.696	8.952	12.019		
D. 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
• OPAF 03 Line Item 832070: Intelligence Comm Equipment	3.405	2.838	3.872	-	3.872	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
The 645 AESG, Wright Patterson AFB OH, manages the Cost Plus Fixed Fee (CPFF) contracts used for the agile software development of NCCT Core Technology. 645 AESG will develop NCCT software on common hardware for systems and platforms designated to field this ISR capability. Individual platform program management offices may contract directly with their prime contractors or through the 645 AESG for integration of NCCT capabilities on their respective systems and platforms.											

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305221F I Network-Centric Collaborative Targeting	
Due to the rapidly changing threat environment, NCCT's DevSecOps and Agile software processes, and operational demand from platforms leveraging NCCT capabilities, the acquisition program manager has the authority to redirect funding as necessary to meet currently stated and/or emerging/evolving/urgent operational requirements. Activities encompassed within PME upgrade may include, but are not limited to, assembly, test and checkout; mission system upgrades, external communications upgrades, software development, systems engineering, and program support costs (PSC).		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305221F / Network-Centric Collaborative Targeting						Project (Number/Name) 675197 / NCCT Core Technology					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Core Technology Development (Agile)	SS/CPFF	L-3 ComCept : Rockwall, TX	-	13.504	May 2024	2.088	Feb 2025	8.420	Feb 2026	-		8.420	-	-	-		
UI/UX development	SS/FFP	Anduril : Los Angeles, CA	-	2.121	Jul 2024	3.562	Jan 2025	0.000	Oct 2025	-		0.000	-	-	-		
AI/ML Development	SS/ Various	NaraLogics : Boston, MA	-	1.504	Nov 2023	1.402	Nov 2024	1.355	Nov 2025	-		1.355	-	-	-		
Subtotal			-	17.129		7.052		9.775		-		9.775	-	-	N/A		
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
Cloud Hosting Services	Reqn	16th AF M2O : JBSAL, TX	-	1.782	Jul 2024	0.800	Jul 2025	1.153	Jul 2026	-		1.153	-	-	-		
Cloud Migration	SS/ Various	CACI : Sarasota, FL	-	1.543	Jul 2024	1.000	Jul 2025	1.000	Jul 2026	-		1.000	-	-	-		
Subtotal			-	3.325		1.800		2.153		-		2.153	-	-	N/A		
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract		
PSC	Allot	645 AESG : Dayton, OH	-	0.242	Mar 2024	0.100	Mar 2025	0.091	Mar 2026	-		0.091	-	-	-		
Subtotal			-	0.242		0.100		0.091		-		0.091	-	-	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			-	20.696		8.952		12.019		-		12.019	-	-	N/A		
Remarks																	

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)									
3600 / 7					PE 0305221F / Network-Centric Collaborative Targeting					675197 / NCCT Core Technology									

	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
UI/UX Development																												
Lattice Operating System Integration																												
AI/ML Development																												
Synaptic Intelligence Platform Development & Integration																												
Core Development																												
Major Release - Capability Development, Test, Integration																												
Minor Release - Development, Test, Integration, Security Updates																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305221F / Network-Centric Collaborative Targeting	Project (Number/Name) 675197 / NCCT Core Technology	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
UI/UX Development				
Lattice Operating System Integration	1	2024	4	2025
AI/ML Development				
Synaptic Intelligence Platform Development & Integration	1	2024	4	2030
Core Development				
Major Release - Capability Development, Test, Integration	1	2024	4	2030
Minor Release - Development, Test, Integration, Security Updates	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305238F I NATO AGS							
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	0.000	0.002	0.865	0.816	0.000	0.816	-	-	-	-	-	-
676001: NATO AGS	0.000	0.002	0.865	0.816	0.000	0.816	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

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A. Mission Description and Budget Item Justification

This program funds the U.S. support to the Alliance Ground Surveillance (AGS) system, a North Atlantic Treaty Organization (NATO) program. AGS is an airborne ground surveillance capability that provides continuous, wide area surveillance in all weather conditions. It provides NATO decision makers with near real time information and situational awareness concerning friendly, neutral and opposing ground and maritime forces to support mission planning and execution, including force protection and targeting. All NATO nations have access to AGS collection data, creating opportunities for burden sharing with the processing and exploitation of Intelligence, Surveillance, and Reconnaissance (ISR) data.

The AGS program includes both air and ground segments. The air segment consists of five (5) air vehicles based on unique exportable configurations of the United States Air Force Global Hawk air frame, Navy Triton command and control architecture and the U.S. Multi-Platform Radar Technology Insertion Program (MP-RTIP) radar. The U.S. integrated a new Maritime Moving Target and Inverse Synthetic Aperture Radar capability into the MP-RTIP radar for NATO AGS. The ground segment consists of fixed site and transportable/mobile ground stations for air vehicle Command and Control (C2), data exploitation and distribution. Operations and continuing In-Service Support is funded through the NATO Military Commanders' Capability Package within the NATO Security Investment Program (NSIP).

This program element may include necessary civilian pay expenses required to manage, execute, and deliver NATO AGS. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2025 \$0.0M was expended for civilian pay expenses in this program element, and in FY2026 \$0.0M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305238F I NATO AGS				
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget	0.002	0.865	0.886	0.000	0.886	
Current President's Budget	0.002	0.865	0.816	0.000	0.816	
Total Adjustments	0.000	0.000	-0.070	0.000	-0.070	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	0.000	0.000				
• SBIR/STTR Transfer	0.000	0.000				
• Other Adjustments	0.000	0.000	-0.070	0.000	-0.070	
Change Summary Explanation						
FY26 Reductions were due to:						
FFRDC(Federally Funded Research and Development Centers) - \$0.068						
Inflation - \$0.002						
Total amount in reductions: \$0.070						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Design / Development of NATO Alliance Ground Surveillance (AGS)				0.001	0.000	0.000
Description: U.S. contribution to NATO for AGS development acquisition and initial fielding. Supports configuration changes at a system level and air vehicle exportability modifications.						
FY 2025 Plans: No FY 2025 funding is programmed for this activity.						
FY 2026 Plans: No FY 2026 funding is programmed for this activity.						
FY 2025 to FY 2026 Increase/Decrease Statement: N/A						
Title: Technical Support for NATO Alliance Ground Surveillance (AGS)				0.001	0.865	0.816

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305238F I NATO AGS							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Description: Provide engineering and logistics support for NATO AGS deferred capabilities and obsolescence studies.												
FY 2025 Plans: - Continue studies, analysis, and support related to mission security and exportability. - Provide support for NATO AGS participation in NATO's UNIFIED VISION series.												
FY 2026 Plans: - Will continue studies, analysis, and support related to mission security and exportability.												
FY 2025 to FY 2026 Increase/Decrease Statement: Minor increase due to inflation.												
Accomplishments/Planned Programs Subtotals										0.002	0.865	0.816
D. 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	
• RDTE 07 PE 0305220F: RQ-4 UAV	1.242	9.516	0.001	-	0.001	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
Acquisition of the AGS system was accomplished via a single delivery strategy. The system was delivered via a fixed price direct commercial sale contract between Northrop Grumman Integrated System Sector International, Incorporated (NGISSII) & NATO, which was signed on 20 May 2012. The NATO acquisition program office closed out and liquidated in December 2023.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305238F / NATO AGS				Project (Number/Name) 676001 / NATO AGS					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
NATO AGS Design / Development	SS/FFP	NATO AGS Management Agency : Brussels, Belgium	-	0.001	Dec 2023	-		-		-		-	-	-	0.000
Subtotal			-	0.001		-		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
NATO AGS Technical Support	SS/FFP	Multiple : WPAFB, OH	-	0.001	Dec 2023	0.865	Dec 2024	0.816	Dec 2025	-		0.816	-	-	0.863
Subtotal			-	0.001		0.865		0.816		-		0.816	-	-	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			-	0.002		0.865		0.816		-		0.816	-	-	N/A
Remarks															
Provides engineering and logistics support for NATO AGS through studies and analysis.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)			Project (Number/Name)				
3600 / 7					PE 0305238F / NATO AGS			676001 / NATO AGS				

	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
NATO AGS																												
Design and Development - NATO AGS																												
FOC (November 2027)																												
Tech Support - NATO AGS																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305238F / NATO AGS	Project (Number/Name) 676001 / NATO AGS	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
NATO AGS				
Design and Development - NATO AGS	1	2024	1	2024
FOC (November 2027)	1	2027	1	2027
Tech Support - NATO AGS	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305240F / <i>ISR Transport and Processing</i>

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	0.000	33.589	30.932	32.578	0.000	32.578	-	-	-	-	-	-
674826: <i>Common Imagery Ground / Surface Systems</i>	0.000	2.400	2.409	4.671	0.000	4.671	-	-	-	-	-	-
675265: <i>Common Imagery Processor (CIP)</i>	0.000	31.189	28.523	27.907	0.000	27.907	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

This Program Element funds a DoD program for global air and space Intelligence, Surveillance and Reconnaissance (ISR) data transport/relay, imagery processing, data conditioning, and AI/ML augmentation. Serves multiple national, theater, and tactical customers with processing and transport of raw/unexploited ISR data in support of operational and intelligence functions. This PE funds the engineering development, acquisition, modernization and migration of: Communications Infrastructure, Virtual Imagery Processing Capability (VIP-C) and High-Performance Compute (HPC), and Machine Assisted GEOINT Exploitation (MAGE) tools.

The Enterprise Interoperability (formerly DCGS Enterprise Interoperability) project provides support to OUSD(I&S), C3BM, and AF DCGS interoperability efforts. This includes integration with new and emerging air and space-based sensors.

The Imagery Processing effort develops the Virtual Imagery Processing Capability (VIP-C) and the High Performance Compute (HPC) Environment within the Air Force ISR Transport and Processing (Formerly Support to DCGS) architecture. The VIP-C and HPC environment provides mission critical image processing capabilities to include raw data ingest, initial image formation, and data conditioning/normalization to optimize ISR data for exploitation by humans and machines, value-added algorithmic processing, and configurable analytic workflows. It also covers Machine Assisted Geospatial Intelligence (GEOINT) Exploitation (MAGE), which is a comprehensive program to employ advanced technologies, automation, and augmentation at speed and scale to close the gap between image collection and actionable intelligence. Current efforts are focused on enabling support for new and emerging air and space-based sensors and data types and developing/scaling core MAGE components.

Efforts within this PE align with USAF investment in ABMS (0604003F), Tech Transition - Air (0604858F), and AF DCGS (0305208F) to deliver the Long Range Fires architecture for the DAF BATTLE NETWORK.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.881M was expended for civilian pay expenses in this program element, and in FY 2025 \$1.177M is forecast for civilian pay expenses in this program element.

The FY 2026 request was reduced by \$.259 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."

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305240F I ISR Transport and Processing			
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	31.589	30.932	31.396	0.000	31.396
Current President's Budget	33.589	30.932	32.578	0.000	32.578
Total Adjustments	2.000	0.000	1.182	0.000	1.182
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	2.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	1.182	0.000	1.182
Change Summary Explanation					
In FY 2024, the \$2.00M increase is a Congressional add for computer vision platform for high-altitude imagery object re-identification.					
In FY 2026, the \$2.211M increase is for integration of new and emerging sensors.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305240F / <i>ISR Transport and Processing</i>				Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>			
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
674826: <i>Common Imagery Ground / Surface Systems</i>	0.000	2.400	2.409	4.671	0.000	4.671	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project element funds the Common Imagery Ground / Surface Systems enterprise support capabilities. This includes support to OUSD(I&S), C3BM, and AF DCGS interoperability efforts. This includes integration with new and emerging air and space-based sensors.

Efforts within this PE align with USAF investment in ABMS (0604003F), Tech Transition - Air (0604858F), and AF DCGS (0305208F) to deliver the Long Range Fires architecture for the DAF BATTLE NETWORK.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
Title: Enterprise Interoperability (Formerly DCGS Enterprise Interoperability) Description: Provide support to OUSD(I&S), C3BM, and AF DCGS Interoperability Enterprise efforts. FY 2025 Plans: - Continue to support OUSD(I&S), C3BM, and AF DCGS Interoperability Enterprise efforts. FY 2026 Plans: - Will continue to support OUSD(I&S), C3BM, and AF DCGS Interoperability Enterprise efforts. - Will continue integrating new and emerging air and space-based sensors by incorporating sensor data into the VIP-C processing and supporting communications architecture in support of joint operations. FY 2025 to FY 2026 Increase/Decrease Statement: Funding increase by \$2.276M for integration on new and emerging air and space-based sensor into the VIP-C processing architecture.	2.400	2.409	4.671
Accomplishments/Planned Programs Subtotals	2.400	2.409	4.671

C. Other Program Funding Summary (\$ in Millions)
N/A

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305240F / <i>ISR Transport and Processing</i>	Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>

D. Acquisition Strategy

The Air Force uses an incremental acquisition approach with development cycles and sprints to develop, field, and upgrade the system and structure contracts for the improved capabilities through full and open competition to the maximum extent possible.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing						Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems			
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Enterprise Interoperability efforts	C/Various	Various : Various	-	2.400	Apr 2024	2.409	Apr 2025	4.671	Apr 2026	-		4.671	-	-	-
Subtotal			-	2.400		2.409		4.671		-		4.671	-	-	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			-	2.400		2.409		4.671		-		4.671	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing									
										Project (Number/Name) 674826 / Common Imagery Ground / Surface Systems									

	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
Enterprise Interoperability (Formerly DCGS Enterprise Interoperability)																												
Support to OUSD(I&S), C3BM, and AF DCGS Enterprise and Integration of New and Emerging Air and Space-Based Sensors																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305240F / <i>ISR Transport and Processing</i>	Project (Number/Name) 674826 / <i>Common Imagery Ground / Surface Systems</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Enterprise Interoperability (Formerly DCGS Enterprise Interoperability)</i>				
Support to OUSD(I&S), C3BM, and AF DCGS Enterprise and Integration of New and Emerging Air and Space-Based Sensors	1	2024	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing				Project (Number/Name) 675265 / Common Imagery Processor (CIP)			
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
675265: Common Imagery Processor (CIP)	0.000	31.189	28.523	27.907	0.000	27.907	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Imagery Processing effort develops the Virtual Imagery Processing Capability (VIP-C) within the Air Force ISR Transport and Processing (Formerly DCGS) architecture. Current efforts include further developing the virtual software capability to enhance processing performance while decreasing latency across the enterprise and testing, development, and demonstrations integrating updated and new/emerging air and space based sensors into the DAF Battle Network. In addition, the project involves improving the Machine Assisted Geospatial Intelligence (GEOINT) Exploitation (MAGE) capability to employ advanced technologies, automation, and augmentation at speed and scale to close the gap between image collection and actionable intelligence.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.881M was expended for civilian pay expenses in this program element, and in FY 2025 \$1.177M is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Imagery Processor	31.189	28.523	27.907
Description: Continue developing VIP-C to keep pace with growing sensor baseline and enhance imagery data quality.			
FY 2025 Plans:			
- Continue to upgrade VIP-C to enable better geo-coordinate accuracy, facilitate automated intelligence discovery, integrate new algorithms, and reduce processing latency. This includes developing and integrating ISR data into a Cloud storefront infrastructure enhancing user interface and facilitating accelerated system security acceptance.			
- Continue to refine and scale foundational components and begin developing more advanced technologies (e.g. automated site monitoring, explainable AI/ML, and adversarial attack detection/mitigation).			
FY 2026 Plans:			
- Will continue to upgrade VIP-C to enable better geo-coordinate accuracy, facilitate automated intelligence discovery, integrate new algorithms, and reduce processing latency. This includes developing and integrating ISR data into a Cloud storefront infrastructure enhancing user interface and facilitating accelerated system security acceptance.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing				Project (Number/Name) 675265 / Common Imagery Processor (CIP)				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
- Will continue to refine and scale foundational components and begin developing more advanced technologies (e.g. automated site monitoring, explainable AI/ML, and adversarial attack detection/mitigation).												
FY 2025 to FY 2026 Increase/Decrease Statement: Minor decrease from FY 2025 to FY 2026 due to inflation adjustment.												
Accomplishments/Planned Programs Subtotals										31.189	28.523	27.907
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	
• OPAF 04 Line Item 846080: DCGS-AF	73.299	34.840	38.312	-	38.312	-	-	-	-	-	-	
Remarks												
D. Acquisition Strategy												
For imagery processing capabilities, the Air Force uses an incremental acquisition approach with development cycles and spirals to develop, field, and upgrade the system. Contracts are structured for full and open competition to the maximum extent possible. Additionally, strategic partnerships and agreements with National Laboratories and other agencies are utilized.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing				Project (Number/Name) 675265 / Common Imagery Processor (CIP)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Imagery Processing Software Development	Various	Various : Various	-	28.855	Jan 2024	26.063	Jan 2025	24.837	Dec 2025	-		24.837	-	-	-
Subtotal			-	28.855		26.063		24.837		-		24.837	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Direct Cite Authority Civilian Pay	Various	Various : Various	-	1.100	Dec 2023	1.100	Oct 2024	1.600	Oct 2025	-		1.600	-	-	-
Subtotal			-	1.100		1.100		1.600		-		1.600	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Services	Various	Various : Various	-	1.234	Jan 2024	1.360	Jan 2025	1.470	Jan 2026	-		1.470	-	-	-
Subtotal			-	1.234		1.360		1.470		-		1.470	-	-	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			-	31.189		28.523		27.907		-		27.907	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing		Project (Number/Name) 675265 / Common Imagery Processor (CIP)	

	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
VIP-C/ MAGE																												
Machine Assisted GEOINT Exploitation Capability Development																												
SW Release 3x consists of 2-3 fieldings throughout FY 2024																												
SW Release 3x consists of 2-3 fieldings throughout FY 2025																												
SW Release 3x consists of 2-3 fieldings throughout FY 2026																												
SW release 3x consists of 2-3 fieldings throughout FY 2027																												
SW release 3x consists of 2-3 fieldings throughout FY 2028																												
SW release 3x consists of 2-3 fieldings throughout FY 2029																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305240F / ISR Transport and Processing	Project (Number/Name) 675265 / Common Imagery Processor (CIP)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
VIP-C/ MAGE				
Machine Assisted GEOINT Exploitation Capability Development	1	2024	4	2030
SW Release 3x consists of 2-3 fieldings throughout FY 2024	1	2024	1	2025
SW Release 3x consists of 2-3 fieldings throughout FY 2025	1	2025	1	2026
SW Release 3x consists of 2-3 fieldings throughout FY 2026	1	2026	1	2027
SW release 3x consists of 2-3 fieldings throughout FY 2027	1	2027	1	2028
SW release 3x consists of 2-3 fieldings throughout FY 2028	1	2028	1	2029
SW release 3x consists of 2-3 fieldings throughout FY 2029	1	2029	1	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305249F / AF JWICS Enterprise

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	0.000	0.000	9.445	21.097	0.000	21.097	-	-	-	-	-	-
675307: AF JWICS Enterprise	0.000	0.000	9.445	21.097	0.000	21.097	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 7, PE 0305249F, project 675307, NASIC Funds, is a new start.

A. Mission Description and Budget Item Justification

The AF JWICS Enterprise PE provides funds for the modernization, development, procurement, and sustainment of the Air Forces SCI enterprise.

ICAM - Identity, credentialing and Access Management (ICAM) includes the foundational identity elements that manage users, credentials, attributes, and the access risk based upon the sensitivity of the resources being protected. ICAM is foundational to Zero Trust and is not a single process or technology, but is a complex set of systems and services that operate under various policies and organizations.

JTIM - Due to a database misalignment, a portion of JTIM funds have temporarily been programmed into this PE. As soon as we are capable of doing so, we intend on realigning these funds back to their original locations in the CAIS (27431F) PE. JTIM funds currently aligned in this PE still go to the intended OAC/MAJCOM (ACC) for execution and there will be no break in expenditures or capability due to this error.

JTIM is a combined OUSD(I&S) and Joint Staff J2T effort to produce modern integrated cloud-based capability for the Joint Force targeting enterprise. These new capabilities will streamline the intelligence support to Services and Combatant Commands (CCMDs) into a federated intelligence-derived target production architecture. JTIM capabilities will unify the Defense Intelligence Enterprise (DIE) targeting workforce through the production management of thousands of high-value targets by providing timely and accurate aimpoints in the deployment of lethal and non-lethal effects. These capabilities will enhance the target intelligence data supporting targeteers and decision makers as well as providing multiple weaponeering solutions for each strike action along with improving the identification of critical elements needed for subsequent re-attack options. JTIM funds were incorrectly reprogrammed in FY26-30 and will be reprogrammed back to the CAIS PE (0207431F).

IC-ITE - IC-ITE mission is enabling greater integration, information sharing, and safeguarding with the Intelligence Community (IC) by adopting IC standards, data, and technology frameworks, and using systems of common concerns for unmatched decision advantage.

"This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 0.00M was expended for civilian pay expenses in this program element, and in CY 0.00M is forecasted for civilian pay expenses in this program element."

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305249F I AF JWICS Enterprise						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		0.000	0.000	0.000	0.000	0.000		
Current President's Budget		0.000	9.445	21.097	0.000	21.097		
Total Adjustments		0.000	9.445	21.097	0.000	21.097		
• Congressional General Reductions		0.000	0.000					
• Congressional Directed Reductions		0.000	0.000					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		0.000	0.000					
• Congressional Directed Transfers		0.000	9.445					
• Reprogrammings		0.000	0.000					
• SBIR/STTR Transfer		0.000	0.000					
• Other Adjustments		0.000	0.000	21.097	0.000	21.097		
Change Summary Explanation								
Congress has approved a transfers of funds from CAIS (27431F) to AF JWICS Enterprise (35249F) in FY25 of 9.445M to align currently funded and executed AF JWICS related activities to the new AF JWICS Enterprise PE. 7.49M of the moved funds are JTIM funds and will be executed as such. 1.995M will be used for IC-ITE developments.								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: ACC JTIM Funding				0.000	6.968	7.687	0.000	7.687
Description: JTIM provides funding for the development of Joint Targeting Toolkit-Capabilities Package (JTTCP) and WARPATh tools. JTT is the current capability providing the joint targeting community Intermediate Target Development (ITD), Advanced Target Development (ATD), Target List Management (TLM), and Target Folder Development capabilities. It also supports premise installation on coalition networks and Foreign Military Sales (FMS). The JTT program provides the current (legacy) functions until the integrated JTIM capabilities are fielded. Target List Management and Enterprise Workflow were shifted from the JTT program to WARPATh to keep pace with the JTIM Integrated Master Schedule (IMS). Funding for WARPATh comes from the original JTT budget, which is managed at ACC. Full funding will allow both programs to field capabilities in FY25, then in FY26 they will merge into one enterprise program providing capabilities to the Joint Targeting Community.								

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305249F I AF JWICS Enterprise				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
FY 2025 Plans: This moved has not happened yet, will update when it is reflected in the database. Development of JTTv6 as well as WARPATH Target List Management.						
FY 2026 Base Plans: JTIM will continue WARPATH development, fielding, and integration activities. JTIM funds will be used solely for WARPATH.						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement: Slight decrease in funding due to internal and inflation rate adjustments. JTIM funds will be reprogrammed back to their original PE 0207431F in either FY26 or FY27.						
Title: ACC IC-ITE Development		0.000	2.477	1.945	0.000	1.945
Description: IC-ITE provides funding for expert contract support in the development and delivery of critical data capabilities that enable seamless interoperability across operational units. Leads the design, development, testing, and implementation of cutting-edge technology solutions tailored to support mission effectiveness. It drives the creation and integration of new processes in Data engineering, Ontologies, Semantics, Taxonomies, and Data Architecture to support Model-Based Systems Engineering (MBSE). These efforts ensure data interoperability across key mission domains—Intelligence, Surveillance, and Reconnaissance (ISR); Command and Control (C2); and Fires—as well as with joint and allied DoD mission partners. It also spearheads the establishment of a robust Data Governance framework to treat data as a vital enterprise asset. This includes delivering agile Automation, Augmentation, and Artificial Intelligence (AAA) capabilities to airmen, particularly those underserved by traditional System Program Offices (SPOs), in alignment with ACC's warfighting and mission-enabling priorities.						
FY 2025 Plans: This move of funds has not happened yet, will update funding when it is reflected in the database. Funding helps research, development and delivery of critical data capabilities that enable seamless interoperability across operational units.						
FY 2026 Base Plans:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305249F I AF JWICS Enterprise				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Continues with funding research, development and delivery of critical data capabilities as well as drives the creation and integration of new processes in Data Engineering, Ontologies, Semantics, Taxonomies, and Data Architecture to support Model Based Systems Engineering (MBSE). FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Decrease in funding due to program needs.						
Title: NASIC Funds Description: Identity, credentialing and Access Management (ICAM) includes the foundational identity elements that manage users, credentials, attributes, and the access risk based upon the sensitivity of the resources being protected. ICAM is foundational to Zero Trust and is not a single process or technology, but is a complex set of systems and services that operate under various policies and organizations. FY 2025 Plans: Funding starts in FY26 FY 2026 Base Plans: Development of the ICAM solution with a focus on adding auth drivers for DDIL and SAP networks, drivers for JADE (another authA capability), advancing the resolution service, performance tuning, outstanding feature requests taken from the product backlog, etc. Work to add observability to the distribution so organizations and the devsecops team can see what is happening and can perform forensic analysis. Also want to figure out how to leverage authentication and authorization time series data to provide insight and support for behavioral authentication and authorization decisions. This will include the addition of a ML framework to provide inference into authA and authZ decision effectiveness. Installation and configuration of the ICAMS suite across DAF Cw NIPR, SIPR and JWICS environments plus operational enablement of the DAF Cw team. Building out the automated installation and configuration scripts (ansible, terraform, etc). Buulding out broader support for new version releases, patch development and application, etc. Building out enablement materials, working with development teams to show them how to integrate ICAMS capability into their mission solutions. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement:		0.000	0.000	11.465	0.000	11.465

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305249F I AF JWICS Enterprise				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Increase due funding starting in FY26						
Accomplishments/Planned Programs Subtotals		0.000	9.445	21.097	0.000	21.097
D. Other Program Funding Summary (\$ in Millions) N/A						
Remarks Contract type and strategy will be assessed each year; however, it is anticipated that there will be a mix of contract types.						
E. Acquisition Strategy Contract type and strategy will be assessed each year; however, it is anticipated that there will be a mix of contract types.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305249F / AF JWICS Enterprise						Project (Number/Name) 675307 / AF JWICS Enterprise			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ICAM	C/CPFF	NASIC : Wright- Patterson AFB, OH	-	0.000		0.000		11.465	Apr 2026	0.000		11.465	-	-	-
Subtotal			-	0.000		0.000		11.465		0.000		11.465	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
JTIM	C/CPAF	ACC : TBD	-	0.000		7.708		7.702		-		7.702	-	-	-
IC-ITE	C/FFP	ACC : LAFB, VA	-	0.000		1.737		1.930	Apr 2026	-		1.930	-	-	-
Subtotal			-	0.000		9.445		9.632		-		9.632	-	-	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			-	0.000		9.445		21.097		0.000		21.097	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)	
3600 / 7	PE 0305249F / AF JWICS Enterprise	675307 / AF JWICS Enterprise	

	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
ICAM																												
Capability Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305249F / AF JWICS Enterprise	Project (Number/Name) 675307 / AF JWICS Enterprise

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ICAM				
Capability Development	3	2026	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305600F I International Intelligence Technology and Architectures							
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	0.000	15.322	17.784	18.946	0.000	18.946	-	-	-	-	-	-
675898: International Intelligence Technology and Arc	0.000	15.322	17.784	18.946	0.000	18.946	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

International Intelligence Technology and Architectures (IITA) oversees, manages, and provides the United States (US) component of the multi-national Battlefield Information Collection and Exploitation Systems (BICES) with a collaborative environment and intelligence sharing enterprise required for processing and disseminating critical intelligence information between and among US, North Atlantic Treaty Organization (NATO), allied and coalition forces. The US BICES program develops and tests specialized equipment to deliver a more mature, robust and dynamic suite of capabilities for intelligence information sharing across the US BICES, US BICES Extended (US BICES-X), and the Trusted Network Environment (TNE). US BICES-X is a multi-level, secure system that uses releasable elements of the Defense Intelligence Information Enterprise (DI2E) framework, and functions to support the full spectrum of intelligence operations and dissemination across Department of Defense (DoD), Combat Support Agencies (CSA), and multiple Combatant Commands (CCMD) for the Office of the Under Secretary of Defense, Intelligence and Security (OUSD(I&S)). The TNE is an Enterprise Cross Domain Solution (ECDS) that connects 65+ network, 85+ partner nations and 69+ Communities of Interest (COI) within four federated operational TNEs. US BICES/BICES-X has been designated the enduring intelligence and information sharing component to the Mission Partner Environment (MPE).

Research and Development funding will:

- Provide increased intelligence information sharing capabilities to US and Coalition forces utilizing the US BICES and multinational BICES networks through CENTAUR. CENTAUR provides geospatial intelligence from the Distributed Common Ground System (DGCS) Enterprise to enable Coalition partner operations on multinational BICES.
- Continue developing the TNE as an ECDS that connects 65+ network, 85+ partner nations and 69+ COI within four federated operational TNE service centers and supporting all CCMDs, CSAs, and Services.
- Provide increased intelligence information sharing capabilities in support of US and coalition forces utilizing the US BICES and NATO virtual networks within all theaters of operations and provide increased database information sharing.
- Continue to develop the US BICES connections with bi-lateral and multi-lateral federated TNEs that make up the US BICES-X Enterprise Network in support of CCMD requirements for conventional and coalition operations. To include multi-level security intelligence bi-laterals and multi-laterals to meet Combatant Commander Integrated Priority Lists.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 0.0M was expended for civilian pay expenses in this program element and in CY 0.0M is forecasted for civilian pay expenses in this program element.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305600F I International Intelligence Technology and Architectures			
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	15.322	18.670	19.009	0.000	19.009
Current President's Budget	15.322	17.784	18.946	0.000	18.946
Total Adjustments	0.000	-0.886	-0.063	0.000	-0.063
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	-0.886	-0.063	0.000	-0.063

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0305600F / International Intelligence Technology and Architectures				Project (Number/Name) 675898 / International Intelligence Technology and Arc			
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
675898: International Intelligence Technology and Arc	0.000	15.322	17.784	18.946	0.000	18.946	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

International Intelligence Technology and Architectures (IITA) oversees, manages, and provides the US component of the multi-national BICES with a collaborative environment and intelligence sharing enterprise required for processing and dissemination critical intelligence information between and among US, NATO, allied and coalition forces. The US BICES program develops and tests specialized equipment to deliver a more mature, robust and dynamic suite of capabilities for intelligence information sharing across the US BICES, US BICES-X, and the TNE. The continued development effort of IITA will provide a collaborative environment and intelligence sharing enterprise required for processing and disseminating critical intelligence information across DoD, CSA, NATO, allied and coalition forces and multiple CCMDs for the OUSD(I&S).

The IITA activities include the following:

- 1) Assess new and existing intelligence sharing technologies being developed within DoD and the intelligence community.
- 2) Define technologies which can significantly advance intelligence sharing capabilities of US and Allied/Coalition forces.
- 3) Integrate technologies into the current US BICES-X enterprise and emerging US international intelligence architectures and systems consistent with the DI2E framework and MPE supporting global operations.
- 4) US BICES-X responds to CCMDs and military services to develop solutions for enhanced intelligence information sharing capabilities and provisions US BICES-X equipment to US and allied/partner location. IITA is assessing potential impacts of new intelligence architectures to support the CCMDs and services. The IITA program also includes the DoD intelligence document exploitation system (Harmony), Multi-Domain Dissemination System of Joint Worldwide Intelligence Communications System (JWICS), Secure Internet Protocol Router Network (SIPRNET) access to US BICES, and Full Motion Video (FMV).

Research and Development funding will:

- Provide increased intelligence information sharing capabilities to US and Coalition forces utilizing the US BICES and multinational BICES networks through CENTAUR. CENTAUR provides geospatial intelligence from the DGCS Enterprise to enable Coalition partner operations on multinational BICES.
- Continue developing the TNE as an ECDS that connects 65+ network, 85+ partner nations and 69+ COI within four federated operational TNE service centers and supporting all CCMDs, CSAs, and Services.
- Provide increased intelligence information sharing capabilities in support of US and coalition forces utilizing the US BICES and NATO virtual networks within all theaters of operations and provide increased database information sharing.
- Continue to develop the US BICES connections with bi-lateral and multi-lateral federated TNEs that make up the US BICES-X Enterprise Network in support of CCMD requirements for conventional and coalition operations. To include multi-level security intelligence bi-laterals and multi-laterals to meet Combatant Commander Integrated Priority Lists.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305600F / International Intelligence Technology and Architectures	Project (Number/Name) 675898 / International Intelligence Technology and Arc		
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In PY 0.00M was expended for civilian pay expenses in this program element, and in CY 0.00M is forecasted for civilian pay expenses in this program element.					
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
Title: International Intelligence Technology and Architectures			15.322	17.784	18.946
Description: Research and development in emerging and maturing technologies and capabilities for modernizing and transforming US BICES, US BICES-X and the TNE for improved agility, scalability, access, cybersecurity, and data and information sharing tools and infrastructure.					
FY 2025 Plans: Continue to Develop US BICES-X capabilities including further integration of TNE into the MPE, and development and testing of coalition ISR capabilities. These efforts will enable the modernization and transformation of the US BICES/BICES-X worldwide enterprise to enable instantiation or interconnection of any partner network to support any operation.					
FY 2026 Plans: Will Continue to develop US BICES-X capabilities including further integration of TNE into the MPE, and development and testing of coalition ISR capabilities. These efforts will enable the modernization and transformation of the US BICES/BICES-X worldwide enterprise to enable instantiation or interconnection of any partner network to support any operation.					
FY 2025 to FY 2026 Increase/Decrease Statement: Minor increase is due to inflation					
Title: N/A			0.000	0.000	0.000
Description: N/A					
FY 2025 Plans: Continue to Develop US BICES-X capabilities including further integration of TNE into the MPE, and development and testing of coalition ISR coalition capabilities. These efforts will enable the modernization and transformation of the US BICES/BICES-X worldwide enterprise to enable instantiation or interconnection of any partner network to support any operation					
FY 2026 Plans: Will continue to develop US BICES-X capabilities including further integration of TNE into the MPE, and development and testing of coalition ISR coalition capabilities. These efforts will enable the modernization and transformation of the US BICES/BICES-X worldwide enterprise to enable instantiation or interconnection of any partner network to support any operation					
FY 2025 to FY 2026 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0305600F / International Intelligence Technology and Architectures				Project (Number/Name) 675898 / International Intelligence Technology and Arc				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Minor increase is due to inflation.												
Accomplishments/Planned Programs Subtotals										15.322	17.784	18.946
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	
• O&M BA 01 PE 0305600F: International Intelligence Technology and Architecture	167.814	135.558	89.571	0.000	89.571	-	-	-	-	-	-	
• OPAF 03 Line item 832050: International Intelligence Technology and Architecture	5.393	5.616	5.833	-	5.833	-	-	-	-	-	-	
Remarks												
D. Acquisition Strategy												
Utilize existing General Dynamics Mission Systems (GDMS) contract number FA7146-24-D-0001. The contract is structured as an Indefinite Delivery Indefinite Quantity (IDIQ) contract with a period of performance beginning 1 March 2024 through 28 February 2029. US BICES also utilizes the Air Force Research Laboratory as required for all third-party lab-based security assessments of TNE upgrade releases.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305600F / International Intelligence Technology and Architectures						Project (Number/Name) 675898 / International Intelligence Technology and Arc			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TNE Development	Various	AFRL, GDMS AZ, TX : Rome, NY	-	15.322	Feb 2024	17.784	Feb 2025	18.946	Feb 2026	-		18.946	-	-	-
Subtotal			-	15.322		17.784		18.946		-		18.946	-	-	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			-	15.322		17.784		18.946		-		18.946	-	-	N/A
Remarks N/A															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0305600F / International Intelligence Technology and Architectures					675898 / International Intelligence Technology and Arc			

	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
Trusted Network Environment Software Version 5.0 features cloud-based implementation and virtualized connection methods, and updates to FMV																												
TNE																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305600F / International Intelligence Technology and Architectures	Project (Number/Name) 675898 / International Intelligence Technology and Arc	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Trusted Network Environment Software Version 5.0 features cloud-based implementation and virtualized connection methods, and updates to FMV				
TNE	4	2024	4	2030

Note
GAL - Global Address List
OS - Operating System
VDI - Virtual Desktop Infrastructure
VoIP - Voice of IP
UX - User Experience
FMV - Full Motion Video
HD/VTC - High Definition / Video Teleconferencing

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305836F I C2IMERA							
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	0.000	0.000	0.000	13.867	0.000	13.867	-	-	-	-	-	-
675219: C2IMERA	0.000	0.000	0.000	13.867	0.000	13.867	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2026, PE 0305015F, C2 Air Operations Suite - C2 Info Services, Project 675218, (Applications Development) efforts were transferred to PE 0305836F, (Command and Control, Incident Management, Emergency Response Application), Project 675218 (C2IMERA) in order to continue existing and ongoing C2IMERA efforts in a standalone Program Element.

A. Mission Description and Budget Item Justification

This budget line funds the development of the Command and Control, Incident Management, Emergency Response Application (C2IMERA), a C2 system that enables commanders and staffs to generate and present ready forces to combatant commanders at the tactical, operational, and strategic levels. C2IMERA funds provide enhanced installation C2 that improves decision speed, quality, and lethality by incorporating direct user inputs, connecting people to information, automating daily operations, and integrating data from myriad systems into a real-time, interactive Common Operating Picture (COP) with visualized dashboards. C2IMERA enables mission-ready units of action to support Agile Combat Employment by effectively linking combat wings and base commands, enabling bases to successfully operate during competition, crisis, and conflict. C2IMERA synchronizes information across large scale exercises and operations through the implementation of a COP and tool that streamlines daily operations and reporting. C2IMERA aggregates the theater-wide critical information into strategic and operational pictures that enable Higher Headquarters (HHQ) to make real-time force decisions across the competition continuum. C2IMERA accelerates decision makers' access to C2 information by providing automated updates through the COP/email and alleviating the need for unnecessary briefings, meetings, and radio communication(s).

The C2IMERA operational concept has three capability areas:

- C2 collaboration across the Wing, enabling the base to operate and fight
- Wing Situational Awareness, enabling the wing to integrate across operations
- Wing Collaboration/reporting to HHQ (i.e., Air Operations Center (AOC), the Air Force Forces (AFFOR), Command Center etc.), enabling high-quality operational and strategic decision making

Requirements also include supporting base operations, mission management and monitoring, HHQ Information Exchange Requirements (IERs), Emergency Action Messaging, Situation Report (SITREP) automation, and other key enablers supporting the operational concept.

Efforts within this PE align with USAF investment in Mission Planning Systems (PE 0208006F), Air Operations Center (0207410F), All Domain Common Platform (0303248F), and ABMS (0604003F) to deliver the Theater Air Planning System of Systems (TAP-SoS) architecture for the DAF BATTLE NETWORK.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305836F I C2IMERA					
FY 2026 funds will continue to support Agile development and operations enabling the delivery of new advanced features to C2IMERA following the FY 2025 completion of the codebase re-architecture from a monolithic codebase to a microservices based, multi-tenant application. FY 2026 funds will integrate C2IMERA across the DAF Battle Network, expand data access through system interoperability and new systems integrations, automate data inputs and workflows, and improve coalition warfighting capabilities through expanded information availability.							
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funding would be in addition to the civilian pay expenses budgeted in program elements 0605829F, 0605831F, 0605833F, or 0605898F. Due to being a new Program Element in FY 2026, civilian pay expenses in this program element will begin in FY 2026. For reference, this program is transferring from 0305015F where in FY 2024 0.281 million was expended for civilian pay expenses, and in FY 2025 0.226 million is forecasted for civilian pay expenses.							
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.							
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		0.000	0.000	0.000	0.000	0.000	
Current President's Budget		0.000	0.000	13.867	0.000	13.867	
Total Adjustments		0.000	0.000	13.867	0.000	13.867	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		0.000	0.000	13.867	0.000	13.867	
Change Summary Explanation							
In FY 2026, PE 0305015F, C2 Air Operations Suite - C2 Info Services, Project 675218, (Applications Development) efforts were transferred to PE 0305836F, (Command and Control, Incident Management, Emergency Response Application), Project 675218 (C2IMERA) in order to continue existing and ongoing C2IMERA efforts in a standalone Program Element.							
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Command and Control, Incident Management, Emergency Response Application (C2IMERA)					0.000	0.000	13.867
Description: C2IMERA will improve Installation command and control by connecting people, integrating data, and automating							

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0305836F / C2IMERA		
C. Accomplishments/Planned Programs (\$ in Millions) daily operations. The aggregation of theater data and activities enhances Operational C2 as well as increases decision speed and operational advantage. This is accomplished by incorporating direct user feedback, connecting people, automating daily operations, and integrating data from myriad systems. C2IMERA receives input from users and system interfaces and the data is displayed on the real-time, interactive common operational picture (COP). C2IMERA provides automated updates via the COP, as well as notifications via emails and alerts, alleviating the need for briefings, meetings, and radio communication(s). FY 2025 Plans: For FY 2025 refer to PE 0305015F, C2 Air Operations Suite - C2 Info Services, Project 675218, (Applications Development). FY 2026 Plans: Activities include, but are not limited to the following: -Will integrate across DAF Battle Network to distribute Friendly Order of Battle (FrOB) information. -Will integrate with base-level sensor systems enabling real-time situational awareness. -Will develop strategic-level views and workspaces supporting real-time decision making for global crisis action and operations. -Will shift to a Government-owned development pipeline fulfilling authorization to operate (ATO) conditions. -Will continue to implement and manage cloud infrastructure and continuous integration and delivery (CI/CD) pipelines enabling existing 99.9% operational availability. -Will continue to actively monitor for potential security risks or vulnerabilities and mitigating any such risks identified. -Will further expand data sets for cross domain non-secure internet protocol router (NIPR) to secure internet protocol router (SIPR) data transfer. -Will operationalize Denied, Disrupted, Intermittent, and Limited bandwidth capabilities in support of combined joint all domain command and control (CJADC2) and agile combat employment (ACE) operations. -Will develop specific Command and Control, Incident Management, Emergency Response Application (C2IMERA) experiences for certain coalition partners to access on their network. -Will integrate with authoritative data sources to enhance interoperability and increase workflow automation. -Will enhance user interface and experience (UI/UX) functionality and features for improved usability across a fully federated global application. -Will lead and manage the program through daily interaction with the contractor and key stakeholders. -Will identify, monitor, mitigate, and report program risks associated with development, testing, deployment, and operations. FY 2025 to FY 2026 Increase/Decrease Statement:		FY 2024	FY 2025	FY 2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305836F I C2IMERA							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
FY 2025 C2IMERA efforts occurred in PE 0305015F (\$13.524 million). Funding increase for C2IMERA from FY 2025 to FY 2026 due to inflationary cost increases to the program.												
Accomplishments/Planned Programs Subtotals										0.000	0.000	13.867
D. 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	
• RDTE 07 0604617F: Agile Combat Support	5.645	-	-	-	-	-	-	-	-	-	-	
• RDTE 07 0305015F: C2 Air Operations Suite - C2 Info Services	13.751	13.524	-	-	-	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
Using Software Acquisition Pathway (SWP), the acquisition strategy builds on agile software engineering methodologies and modernization of existing capabilities utilizing evolutionary acquisition. Timelines are reduced by modularizing both software engineering solutions and the associated contracting and funding strategies. This enables dynamic resource allocation based on current warfighter needs. The desired end state is continuous delivery of software. This program is dependent on support from the All Domain Common Platform (ADCP).												
Program management for the C2IMERA program is under direction of program executive office (PEO) Command, Control, Communication & Battle Management C3BM, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA is the contracting authority for the C2IMERA program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force													Date: June 2025		
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
3600 / 7				PE 0305836F / C2IMERA				675219 / C2IMERA							
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2IMERA Development	C/Various	Leidos : Reston, VA	-	-		-		9.219	Oct 2025	-		9.219	-	-	-
Subtotal			-	-		-		9.219		-		9.219	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2IMERA Test Support	PO	96th Test Wing : Eglin, FL	-	-		-		0.221	Jan 2026	-		0.221	-	-	-
Subtotal			-	-		-		0.221		-		0.221	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2IMERA Program Support	C/Various	Not specified. : Hanscom AFB, MA	-	-		-		3.672	Jan 2026	-		3.672	-	-	-
C2IMERA Systems Engineer	SS/ Various	Not specified. : Hanscom AFB, MA	-	-		-		0.755	Oct 2025	-		0.755	-	-	-
Subtotal			-	-		-		4.427		-		4.427	-	-	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			-	-		-		13.867		-		13.867	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0305836F / C2IMERA				Project (Number/Name) 675219 / C2IMERA			

	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
Software Development																												
C2IMERA Software development																												
Test																												
C2IMERA Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305836F / C2IMERA	Project (Number/Name) 675219 / C2IMERA

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Software Development				
C2IMERA Software development	1	2026	4	2030
Test				
C2IMERA Test	1	2026	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305881F I Rapid Cyber Acquisition							
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	0.000	8.482	0.000	0.000	0.000	0.000	-	-	-	-	-	-
670374: Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt	0.000	8.482	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2025, PE 0305881F, (Rapid Cyber Acquisition), Project 670374, (Electronic Combat Support C3 Protection/Multi-Mission, Technology and Support) efforts were transferred to PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations), in order to consolidate Air Force Offensive Cyber development.

A. Mission Description and Budget Item Justification

The Rapid Cyber Acquisition (RCA) initiative is a materiel (hardware, software, and tool development) and non-materiel (technical support) effort to enable delivery of new cyber capabilities at the pace of warfighting relevance. Combatant and Joint Force Commanders require up-to-date, tailored cyber capabilities to win in the highly-dynamic cyberspace domain.

The RCA initiative expedites cyber development and modifications of USAF cyber capabilities through integration with and technical support to other Service and Government Agency activities to leverage select Air Force-developed technologies and/or operational capabilities. RCA provides for rapid development of materiel and non-materiel cyber solutions necessary to conduct rapid prototyping, integration, and transition activities of cyber capabilities. Activities include but are not limited to development of software/hardware systems, integration and transition of lab-developed cyber capabilities, developmental testing, operational evaluation, manpower, studies, analysis, pilots, demonstrations, and risk reduction efforts for emerging technologies.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0.000M was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305881F I Rapid Cyber Acquisition			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	8.830	0.000	0.000	0.000	0.000
Current President's Budget	8.482	0.000	0.000	0.000	0.000
Total Adjustments	-0.348	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-0.040	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.308	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000
Change Summary Explanation In FY 2025, PE 0305881F, (Rapid Cyber Acquisition), Project 670374, (Electronic Combat Support C3 Protection/Multi-Mission, Technology and Support) efforts were transferred to PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations), in order to consolidate Air Force Offensive Cyber development.					
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Rapid Cyber Acquisition (RCA)	8.482	0.000	0.000	0.000	0.000
Description: Effort utilizes hardware, software, and technical support services to deliver the tools and environments required to perform rapid prototyping, integration, and transition activities for cyber capabilities, enabling quick reaction fielding of up-to-date capabilities required by Combatant and Joint Force Commanders.					
FY 2025 Plans: N/A					
FY 2026 Base Plans: N/A					
FY 2026 OOC Plans: N/A					
FY 2025 to FY 2026 Increase/Decrease Statement:					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305881F I Rapid Cyber Acquisition				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
N/A						
Accomplishments/Planned Programs Subtotals		8.482	0.000	0.000	0.000	0.000
D. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
E. Acquisition Strategy						
The Rapid Cyber Acquisition (RCA) initiative utilizes a tailorable acquisition strategy that facilitates rapid delivery of material and nonmaterial solutions to solve operational cyber equirements. This approach allows flexibility for solutions to enter the acquisitions process at any phase of the acquisition life cycle. RCA provides the rapid development environment and secure DevOps capacity to meet urgent operational needs/requirements.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305881F / Rapid Cyber Acquisition				Project (Number/Name) 670374 / Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Rapid Cyber Acquisition Development	Various	Various : Various	-	8.482	Mar 2024	-		-		-		-	-	-	8.790
Subtotal			-	8.482		-		-		-		-	-	-	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			-	8.482	-		-		-		-	-	-	N/A	
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0305881F / Rapid Cyber Acquisition		Project (Number/Name) 670374 / Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt	

	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
Rapid Cyber Acquisition																												
RCA Activities																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305881F / Rapid Cyber Acquisition	Project (Number/Name) 670374 / Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Rapid Cyber Acquisition				
RCA Activities	1	2024	4	2024

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305903F I Mobile Command Center Systems (MC2S)							
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	0.000	0.000	0.000	3.988	0.000	3.988	-	-	-	-	-	-
673247: Mobile Command Center Systems (MC2S)	0.000	0.000	0.000	3.988	0.000	3.988	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note This program, BA 7, PE 0305903F, project 673247, Mobile Command Center Systems (MC2S), is a new start.												
A. Mission Description and Budget Item Justification MC2S is a mobile platform that provides Command, Control, Communications, Computers and Intelligence (C4I) services to USNORTHCOM in support of its Defense Support to Civil Authorities (DSCA) mission. Additional details can be provided at a higher classification. Mobile Command Control Systems (MC2S) - funding enables the development of solutions for the emerging requirements necessary for continuous operations, maintenance and sustainment. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												
B. Program Change Summary (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total				
Previous President's Budget				0.000	0.000	0.000	0.000	0.000				
Current President's Budget				0.000	0.000	3.988	0.000	3.988				
Total Adjustments				0.000	0.000	3.988	0.000	3.988				
• Congressional General Reductions				0.000	0.000							
• Congressional Directed Reductions				0.000	0.000							
• Congressional Rescissions				0.000	0.000							
• Congressional Adds				0.000	0.000							
• Congressional Directed Transfers				0.000	0.000							
• Reprogrammings				0.000	0.000							
• SBIR/STTR Transfer				0.000	0.000							
• Other Adjustments				0.000	0.000	3.988	0.000	3.988				
Change Summary Explanation FY 2026 New Start												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305903F I Mobile Command Center Systems (MC2S)							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Title: Mobile Command Center Systems (MC2S)										0.000	0.000	3.988
Description: MC2S will conduct 3-5 program development studies addressing four program 1067s; the outcome of the ongoing trade-space study; and a high COCOM priority. Conduct studies on zero-power loss, automated start-up, network fail-over, and data consolidation. The studies will drive a re-architecture of the platform requiring future development.												
FY 2025 Plans: N/A												
FY 2026 Plans: Program Development Studies												
FY 2025 to FY 2026 Increase/Decrease Statement: Increase from FY25 to FY26 is due to program FY26 New Start												
Accomplishments/Planned Programs Subtotals										0.000	0.000	3.988
D. 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	
• OPAF 03 833160: Cheyenne Mountain Complex	8.221	8.897	22.021	-	22.021	-	-	-	-	-	-	
Remarks												
E. Acquisition Strategy												
The acquisition strategy will re-architect battle management and communication capabilities leveraging agile software/hardware engineering solutions and modification of existing capabilities to standardize weapons system. Additional details can be provided at a higher classification.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305903F / Mobile Command Center Systems (MC2S)				Project (Number/Name) 673247 / Mobile Command Center Systems (MC2S)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Platform Automated Start-Up	C/TBD	TBD : TBD	-	-		-		0.997	Nov 2025	-		0.997	-	-	-
Battle Management Shelters	C/TBD	TBD : TBD	-	-		-		0.997	Nov 2025	-		0.997	-	-	-
Mission Support Shelters, Equipment, and Software	C/TBD	TBD : TBD	-	-		-		0.997	Nov 2025	-		0.997	-	-	-
Mission Essential Equipment, Equipment, and Software	C/TBD	TBD : TBD	-	-		-		0.997	Nov 2025	-		0.997	-	-	-
Subtotal			-	-		-		3.988		-		3.988	-	-	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			-	-		-		3.988		-		3.988	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0305903F / Mobile Command Center Systems (MC2S)					673247 / Mobile Command Center Systems (MC2S)			

	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
Program Development Studies Addressing program 1067's and outcome of the ongoing trade-space study																												
Development Studies																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305903F / Mobile Command Center Systems (MC2S)	Project (Number/Name) 673247 / Mobile Command Center Systems (MC2S)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Program Development Studies Addressing program 1067's and outcome of the ongoing trade-space study				
Development Studies	1	2026	1	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0305984F I Personnel Recovery Command & Ctrl (PRC2)							
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	0.000	3.162	2.831	2.891	0.000	2.891	-	-	-	-	-	-
675221: Personnel Recovery Command and Control (PRC2)	0.000	3.162	2.831	2.891	0.000	2.891	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This budget line funds the Personnel Recovery Command and Control (PRC2) program, which develops and delivers tools and services for planning, collaborating and managing search and rescue efforts, as well as disseminating related information to all personnel recovery (PR) mission coordinators across the PR network. PRC2 provides an adaptive and networked system, delivering timely situational awareness information supporting personnel accountability and recovery mission management worldwide. PRC2 delivers a globally accessible, collaborative, interoperable and integrated set of capabilities to prevent, prepare for and respond to joint/coalition military personnel recovery activities, and civilian rescue missions. The Joint Personnel Recovery (JPR) Initial Capability Document (ICD) (2012) articulates capabilities needed for PRC2. Personnel Recover Mission Manager (PRMM) 3.1 continues to develop using Agile Development, Security and Operations (DevSecOps). Annex A to the PRMM 3.1 is the requirementment document for improvements until Full Operational Capability (FOC) criteria is achieved.

The system collects, stores and delivers personnel/identity biometric data, emergency locator beacon registrations, Isolated Personnel (IP) reports, evasion plans of action, incident reports and other information management capabilities. The information is used for predictive, preventive and personnel vulnerability analysis and assessment in support of PR across the Department of Defense and other national and international entities. Activities also include studies and analysis to support both current program planning and execution, as well as future program planning.

In FY 2026, PRMM 3.1 modifications will continue to use an Agile DevSecOps strategy to develop and test capability in two-week increments (sprints) after fielding Configuration Control Board (CCB) approval from Major Command (MAJCOM). The modifications will improve/validate IP events/alerts and enable case files for Defense Prisoner of War/Missing Personnel Office (DPMO) and Joint Personnel Recovery Agency (JPRA). PRMM 3.1 modifications will reflect the requirements and priorities identified by Air Combat Command (ACC) as the personnel recovery environment evolves to meet the needs of the warfighter and personnel recovery efforts.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2025, 0.000 million was expended for civilian pay expenses in this program element, and in FY 2026 0.000 million is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305984F I Personnel Recovery Command & Ctrl (PRC2)			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	2.764	2.831	2.901	0.000	2.901
Current President's Budget	3.162	2.831	2.891	0.000	2.891
Total Adjustments	0.398	0.000	-0.010	0.000	-0.010
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.398	0.000			
• Other Adjustments	0.000	0.000	-0.010	0.000	-0.010
Change Summary Explanation Change was due to inflation rate adjustment					
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: PRC2 - PRMM Development	2.937	2.581	2.626	0.000	2.626
Description: PRC2 will use an Agile Development, Security, and Operations (DevSecOps) strategy to test and field tools and services for planning and managing search and rescue efforts, and disseminate the related information for personnel recovery.					
FY 2025 Plans: PRC2 Personnel Recover Mission Manager (PRMM) development support with FY 2025 funding included the following: - Modifications to PRMM 3.1 using Agile DevSecOps in two-week increments - Increase automation to shorten reporting timeline for Isolated Person (IP) events and locator beacon alerts - Improve architecture to include code structure, performance, and stability - Integrate with National Geospatial-Intelligence Agency's (NGA) Map of the World to improve geospatial tracking - Increase interfaces with Combat Survivor Evader Locator (CSEL) Common Distress Reporting Systems (CDRS) - Review opportunities to utilize commercial cloud service providers for cost/schedule/performance to fit better with other PR enterprise tools - Integrate with Theater Battle Management Core Systems (TBMCS) to pull Air Tasking Orders					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0305984F I Personnel Recovery Command & Ctrl (PRC2)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Improve human-machine interface based on feedback from the personnel recovery community - Increase secure communications paths to recovery coordinators and recovery team - Establish pathway to zero trust architecture that secures Personally Identifiable Information (PII) and Personal Health Information (PHI) material - Integrate Blue Force Tracking for increased situational awareness - Integrate Link 16 for forwarding 15-Line execution tool to vehicles FY 2026 Base Plans: - Will continue development of modifications to Personnel Recover Mission Manager (PRMM) 3.1 using Agile DevSecOps in two-week increments - Will continue to increase automation to shorten reporting timeline for IP events and locator beacon alerts - Will continue to integrate with National Geospatial-Intelligence Agency's (NGA) Map of the World to improve geospatial tracking - Will continue to increase interfaces with Combat Survivor Evader Locator (CSEL) Common Distress Reporting Systems (CDRS) - Will continue to integrate with Theater Battle Management Core System (TBMCS) to pull Air Tasking Orders - Will continue to improve architecture to include code structure, performance, and stability - Will increase capabilities to include the Mission Execution Tool and the PR 15-Line Execution Brief Redesign - Will review opportunities to utilize commercial cloud service providers for cost/schedule/performance to fit better with other PR enterprise tools - Will continue to work application programming interfaces (API) with other government agencies to interface required and future inputs/outputs FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased to account for inflation adjustments						
Title: PRC2 - PRMM Test and Evaluation		0.225	0.250	0.265	0.000	0.265
Description: Test and Evaluation						
FY 2025 Plans:						
Testing and Evaluation of Personnel Recovery Mission Manager (PRMM) 3.1.X.X Versions:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>			R-1 Program Element (Number/Name) PE 0305984F / <i>Personnel Recovery Command & Ctrl (PRC2)</i>		

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Internal testing through continuous integration and continuous delivery (CI/CD) pipeline to comply with the authorization to operate (ATO) - Functional Testing - Cyber Security Testing - Developmental Testing - Operational Testing <i>FY 2026 Base Plans:</i> Will continue Testing and Evaluation of Personal Recovery Mission Manager (PRMM) 3.1.X.X Versions: - Internal testing through continuous integration and continuous delivery (CI/CD) pipeline to comply with the ATO - Functional Testing - Cyber Security Testing - Developmental Testing - Operational Testing <i>FY 2026 OOC Plans:</i> N/A <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Funding increased to account for inflation adjustments.					
Accomplishments/Planned Programs Subtotals	3.162	2.831	2.891	0.000	2.891

D. 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
• OPAF 03 834520: <i>Theater Battle Mgt C2 System</i>	0.000	0.433	0.442	-	0.442	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy PRC2 product support is provided to the program office by the 517th Software Engineering Squadron (517 SWES), Hill AFB, UT, in accordance with a memorandum of agreement and on a fee-for-service basis. This strategy to utilize the 517 SWES for agile product development and sustainment was approved and implemented in FY 2014 by the Air Force Program Executive Officer (PEO). The work done by the 517 SWES includes, but is not limited to, modernization development, sustainment support services, and software maintenance of the PRC2 system.											

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0305984F I Personnel Recovery Command & Ctrl (PRC2)	
Program management for the PRC2 program is under direction of PEO Electronic Systems, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hill AFB, UT is the contracting authority for the PRC2 program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0305984F / Personnel Recovery Command & Ctrl (PRC2)						Project (Number/Name) 675221 / Personnel Recovery Command and Control (PRC2)			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PRC2 - PRMM Agile Software Development	PO	Ogden ALC : Hill AFB, UT	-	2.937	Dec 2023	2.581	Dec 2024	2.626	Dec 2025	-		2.626	-	-	-
Subtotal			-	2.937		2.581		2.626		-		2.626	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PRC2 - PRMM Test and Evaluation	PO	45th Test Squadron : Eglin AFB, FL	-	0.225	Dec 2023	0.250	Dec 2024	0.265	Dec 2025	-		0.265	-	-	-
Subtotal			-	0.225		0.250		0.265		-		0.265	-	-	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			-	3.162		2.831		2.891		-		2.891	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0305984F / Personnel Recovery Command & Ctrl (PRC2)					675221 / Personnel Recovery Command and Control (PRC2)			

	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
PRC2 Software Development																												
PRMM Software Development																												
PRC2 Test																												
PRMM Testing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305984F / Personnel Recovery Com mand & Ctrl (PRC2)	Project (Number/Name) 675221 / Personnel Recovery Command and Control (PRC2)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
PRC2 Software Development				
PRMM Software Development	1	2024	4	2030
PRC2 Test				
PRMM Testing	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0307577F I Intelligence Mission Data (IMD)							
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	0.000	7.090	3.658	3.000	0.000	3.000	-	-	-	-	-	-
675306: Analysis Enterprise	0.000	7.090	3.658	3.000	0.000	3.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Product Development

NASIC IMD Development Contract Type : *Contract Type are primarily Time and Material with some Firm Fixed Price.

A. Mission Description and Budget Item Justification

Intelligence Mission Data efforts in BPAC 675306 fund RDT&E to enable Advanced Non-cooperative Target Recognition [NCTR] collection, Operational Reconnaissance and traditional ELINT capabilities, advanced all-source analysis and production of IMD across EWIR, C&P, M&S, and Signatures to inform acquisition efforts, enable combat ID and ensure survivability for air superiority and global strike platforms.

Support to the Acquisition Intelligence Joint Integration Cell (Acq Intel-JIC). The JIC acts as a catalyst in the digital transformation of the Acq Intel Mission area and community, conducting research and development to enable the connection of Technical Intelligence Data to Acquisition Processes by integrating data, software, technology, and approaches to support DoD Acquisition Intelligence and Acquisition programs facilitating DoD system's lethality and survivability.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 0 was expended for civilian pay expenses in this program element, and in FY2025 0 is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0307577F I Intelligence Mission Data (IMD)			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	7.090	3.658	3.743	0.000	3.743
Current President's Budget	7.090	3.658	3.000	0.000	3.000
Total Adjustments	0.000	0.000	-0.743	0.000	-0.743
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	-0.743	0.000	-0.743
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: IMD Production Tools	5.453	2.838	2.164	0.000	2.164
Description: Creation of automated tools to process data and develop improved analysis, production, and dissemination tools to support centralized data warehousing & data discover-ability enabling streamlined rapid reprogramming for operational & acquisition end users.					
FY 2025 Plans: Developed Cloud EWIRDB API and Zero-trust authentication in support of automating EWIRDB system model; defined data structure for standardized M&S tools data and released C2 Processes Application MVP in support of automating the ingest of data from the NASIC C4ISR repository to various M&S tools; unifying Modeling and Simulation (M&S) and Signature portals to enhance the web presence for M&S products; incorporated multiple sensor fusion algorithms and weapon flyout model data in optimization loop to expand and automate M&S tools into support of modernizing NASIC's cross domain-solutions for intelligence data dissemination.					
FY 2026 Base Plans: Continued development of tools and process to enhance the availability of IMD products, enable machine communication, expand, and integrate new functional areas, automate threat weapon system models, and modernize NASIC cross-domain solutions for intelligence data dissemination					
FY 2026 OOC Plans: N/A					
FY 2025 to FY 2026 Increase/Decrease Statement:					

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0307577F <i>I Intelligence Mission Data (IMD)</i>				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Increase due to inflation						
Title: ReTi-CIP and JAIMI Development. Description: This effort provides RDT&E processes and tools used by the Acquisition Intelligence Community in support of the Acquisitions process to help US platforms stay ahead of threat systems worldwide. FY 2025 Plans: Finalize and report on ReTi-CIP capability proof of concept and address future modules within JAIMI environment including analytics and integrating AI/ML capabilities. FY 2026 Base Plans: Address USAF road ahead for Reti-CIP proof of concept and JAIMI environment tools including digitizing the Intelligence Supportability Assessment (ISA) module and AI/ML integration. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflation		1.637	0.820	0.836	0.000	0.836
Accomplishments/Planned Programs Subtotals		7.090	3.658	3.000	0.000	3.000
D. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
E. Acquisition Strategy						
NASIC - Contract type and strategy will be assessed each year; however, we typically use firm fixed price contracts with a 12- month period of performance.						
SAF/CDM - Contract for JAIMI is Cost Plus Fixed Fee and is a five-year contract with a PoP of 25 September 2027. Contract management, executed through USAF Concepts Development and Management (CDM) Office, is complete through initiation and negotiation and is currently in OY2 of the five-year contract. Contractor continues to meet or exceed on execution and compliance meeting or exceeding operation and financial performance though each PoP. Intention is to continue with current contractor through OY3 & OY4 focusing on requirements of the USAF Acq Intel community. Full and open competition for continuance of JAIMI program will occur at the completion of current contract September 2027.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0307577F / Intelligence Mission Data (IMD)						Project (Number/Name) 675306 / Analysis Enterprise			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CDM Tools Development	C/CPFF	SAF/CDM : Various, VA	-	1.637	Sep 2024	0.820	Sep 2025	0.836	Sep 2026	0.000		0.836	-	-	-
NASIC IMD Development	C/CPFF	NASIC : WPAFB, OH	-	5.453	Feb 2024	2.838	Feb 2025	2.164	Feb 2026	-		2.164	-	-	-
Subtotal			-	7.090		3.658		3.000		0.000		3.000	-	-	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			-	7.090		3.658		3.000		0.000		3.000	-	-	N/A
Remarks Contract award is expected 90 days after budget authority for FY25.															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0307577F / Intelligence Mission Data (IMD)										Project (Number/Name) 675306 / Analysis Enterprise									

	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
NCTR and IMD Tool Development																												
SIGINT/EWIR Tools Development																												
SIGNATURE Tool Development																												
C&P Tool Development																												
M&S Tool Development																												
JAIMI and ReTi-CIP Development																												
ReTi-CIP Development																												
AI/ML Development																												
ISA Development																												
Data Integration Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0307577F / Intelligence Mission Data (IMD)	Project (Number/Name) 675306 / Analysis Enterprise	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>NCTR and IMD Tool Development</i>				
SIGINT/EWIR Tools Development	1	2024	4	2030
SIGNATURE Tool Development	1	2024	4	2030
C&P Tool Development	1	2024	4	2030
M&S Tool Development	1	2024	4	2030
<i>JAIMI and ReTi-CIP Development</i>				
ReTi-CIP Development	1	2024	4	2025
AI/ML Development	1	2025	4	2030
ISA Development	3	2025	1	2030
Data Integration Development	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0401115F / <i>C-130 Airlift Squadron</i>							
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	0.000	21.959	0.000	0.000	0.000	0.000	-	-	-	-	-	-
675250: <i>C-130H Avionics Modernization Program (AMP) Increment 2</i>	0.000	21.959	0.000	0.000	0.000	0.000	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The C-130H is a medium sized tactical transport aircraft providing multi-purpose theater support throughout the globe. The C-130H fleet supports several diverse Air Force roles, including but not limited to tactical and inter-theater airlift and airdrop support, Arctic resupply, special operations support, aeromedical evacuation, aerial spraying, firefighting duties, and natural disaster and humanitarian relief missions.

Previous funding provides weapon system modifications and upgrades to meet USAF mission requirements for the LC/C-130H fleets.

C-130H AMP Increment 2 includes digital avionics upgrades (e.g. Flight Management System, improved navigation), cockpit modernization (e.g. digital flight displays) and resolves select obsolescence and Diminishing Manufacturing Source (DMS) issues. RDT&E efforts cover software development, design, integration, developmental and operational test, studies and risk reduction efforts, trial kit buy and installation, technical order development validation and verification, spares and peculiar support equipment in support of trial kit installs, Systems Integration Laboratory (SIL) development, type 1 training and C-130H aircrew and maintenance training systems and courseware development efforts, program office support and other efforts necessary to fulfill program requirements. Project 672030, MUOS/SATURN, is now included in project 675250, AMP Increment 2. The MUOS/SATURN radio addresses future DMS/integration issues and incorporates MUOS/SATURN capabilities.

Milestone C (MS C) is now planned for June 2026. This change is due to flight testing taking longer than planned due to the development, installation, and testing of corrections required prior to MS C.

This funding includes Rapid Global Mobility (RGM) platform related activities including but not limited to prototyping, capability development, process activities, planning analysis and systems engineering activities.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0401115F I C-130 Airlift Squadron			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	5.427	0.000	0.000	0.000	0.000
Current President's Budget	21.959	0.000	0.000	0.000	0.000
Total Adjustments	16.532	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	1.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	15.768	0.000			
• SBIR/STTR Transfer	-0.236	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000
Congressional Add Details (\$ in Millions, and Includes General Reductions)				FY 2024	FY 2025
Project: 675250: C-130H Avionics Modernization Program (AMP) Increment 2					
Congressional Add: Infrared Suppressor System Modification Testing				1.000	0.000
Congressional Add Subtotals for Project: 675250				1.000	0.000
Congressional Add Totals for all Projects				1.000	0.000
Change Summary Explanation					
FY 2024 funding request increased by \$16.532 million due to Reprogramming actions (\$15.768 million) to complete AMP Increment 2 development testing and a Congressional Add (\$1.000 million) and funding for Small Business Innovation Research (SBIR) program.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401115F / C-130 Airlift Squadron				Project (Number/Name) 675250 / C-130H Avionics Modernization Program (AMP) Increment 2			
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
675250: C-130H Avionics Modernization Program (AMP) Increment 2	0.000	21.959	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The C-130H AMP Increment 2 upgrades the C-130H fleet with comprehensive avionics and cockpit modernization which replaces aging unreliable equipment and adds combat capability enhancements. It also updates radios due to future Diminishing Manufacturing Sources (DMS)/integration issues and incorporates MUOS/SATURN radio capabilities. It also addresses select obsolescence and DMS issues with solutions that may include end of life type buys or bridge buys. DMS efforts to include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative.

Previous funding provides weapon system modifications and upgrades to meet USAF mission requirements for the LC/C-130H fleets.

RDT&E efforts include but are not limited to software development, design, integration, development and operational test, studies and risk reduction efforts, trial kit buy and installation, technical order development validation and verification, peculiar support equipment and spares in support of trial kit installs, Systems Integration Laboratory (SIL) development, type 1 training, and C-130H aircrew and maintenance training systems and courseware development efforts, program office support and other efforts required to fulfill requirements. Project 672030, MUOS/SATURN, is now included in project 675250, AMP Increment 2. The MUOS/SATURN radio addresses future DMS/integration issues and incorporates MUOS/SATURN capabilities.

The C-130H AMP Increment 2 program modifies up to 71 C-130H USAF owned aircraft consisting of H3s, H2.5s, H2s, and LC-130H aircraft. The modification effort includes three prototype aircraft representative of variations in the mission designs and required for accomplishment of the Engineering and Manufacturing Development (EMD) phase with the remaining aircraft modified in the production phase.

Milestone C (MS C) is now planned for June 2026. This change is due to flight testing taking longer than planned due to the development, installation, and testing of corrections required prior to MS C.

This funding includes Rapid Global Mobility (RGM) platform related activities including but not limited to prototyping, capability development, process activities, planning analysis and systems engineering activities.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F,

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025					
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0401115F / C-130 Airlift Squadron			Project (Number/Name) 675250 / C-130H Avionics Modernization Program (AMP) Increment 2					
and 0606398F. In FY2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY2025 \$0.000 is forecast for civilian pay expenses in this program element.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024		FY 2025		FY 2026	
Title: C-130H Avionics Modernization Program (AMP) Increment 2							20.959		0.000		0.000	
Description: The program is currently executing the Engineering and Manufacturing Development (EMD) phase activities.												
FY 2025 Plans: N/A												
FY 2026 Plans: N/A												
FY 2025 to FY 2026 Increase/Decrease Statement: N/A												
Accomplishments/Planned Programs Subtotals							20.959		0.000		0.000	
							FY 2024		FY 2025			
Congressional Add: Infrared Suppressor System Modification Testing							1.000		0.000			
FY 2024 Accomplishments: Complete testing of two Infrared Suppression Systems for the C-130H												
FY 2025 Plans: N/A												
Congressional Adds Subtotals							1.000		0.000			
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
• APAF 05 Line Item C13000: C-130		44.332	50.475	144.041	0.000	144.041	-	-	-	-	-	-
• APAF 06 Line Item 000999: Initial Spares/Repair Parts		0.695	3.879	3.208	0.000	3.208	-	-	-	-	-	-
Remarks None												
D. Acquisition Strategy												
C-130H AMP Increment 2 contract was awarded 3rd quarter of 2019. Current efforts are primarily focused on the Engineering and Manufacturing Development (EMD) activities under a Fixed-Price Incentive (Firm) contract structure.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401115F / C-130 Airlift Squadron						Project (Number/Name) 675250 / C-130H Avionics Modernization Program (AMP) Increment 2			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Infrared Suppression System Testing	C/FFP	Rolls Royce : TBD	-	1.000	Aug 2024	-		-		-		-	-	-	-
C-130H AMP Increment 2 EMD Contract	C/FFP	L3Harris : Waco, TX	-	17.159	Apr 2025	-		-		-		-	-	-	91.739
Subtotal			-	18.159		-		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Other Government Costs	TBD	Not specified : TBD	-	0.900	May 2024	-		-		-		-	-	-	3.777
Direct Cite Civilian Pay	C/CPAF	Not specified : TBD	-	-		-		-		-		-	-	-	0.960
Subtotal			-	0.900		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-130H AMP Increment 2 PSC Contractor Services	Various	Not Specified : TBD	-	-		-		-		-		-	-	-	14.238
C-130H AMP Increment 2 PSC - Government Cost	Various	Not Specified : TBD	-	2.900	Jun 2024	-		-		-		-	-	-	0.773
Subtotal			-	2.900		-		-		-		-	-	-	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			-	21.959		-		-		-		-	-	-	N/A
Remarks FINANCIAL PERFORMANCE: AMP Increment 2 is evaluated against traditional Research and Development (R&D) program expenditure benchmarks. Unlike many traditional R&D programs, however, the AMP Increment 2 EMD phase contract is an Fixed Price Incentive Fee (FPIF) contract with progress payments. Twenty percent (20%) of incurred															

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force							Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0401115F / C-130 Airlift Squadron		Project (Number/Name) 675250 / C-130H Avionics Modernization Program (AMP) Increment 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
costs are withheld until the end of the contract, when they are liquidated. Mandatory funding obligations and progress payment withholds will cause the program to lag traditional expenditure benchmarks, painting an inaccurate portrait of overall program health.									

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0401115F / C-130 Airlift Squadron				Project (Number/Name) 675250 / C-130H Avionics Modernization Program (AMP) Increment 2			

	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
C-130H AMP Increment 2																												
Development Testing - Phase 1																												
Development Testing - Phase 2																												
Development Testing - Phase 3																												
Milestone C																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401115F / C-130 Airlift Squadron	Project (Number/Name) 675250 / C-130H Avionics Modernization Program (AMP) Increment 2

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
C-130H AMP Increment 2				
Development Testing - Phase 1	1	2024	4	2024
Development Testing - Phase 2	1	2025	4	2025
Development Testing - Phase 3	1	2026	2	2026
Milestone C	3	2026	3	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0401119F I C-5 Airlift Squadrons (IF)							
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	0.000	25.938	32.903	33.713	0.000	33.713	-	-	-	-	-	-
671307: C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)	0.000	22.938	32.800	24.731	0.000	24.731	-	-	-	-	-	-
671308: C-5 Modernization Efforts	0.000	3.000	0.103	8.982	0.000	8.982	-	-	-	-	-	-
Note This program, BA 7, PE 0401119F, project 671308, Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR), is a new start.												
A. Mission Description and Budget Item Justification The C-5M carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. Additionally, the aircraft is capable of carrying 73 troops and 36 standard 463-L pallets. There are 52 C-5 aircraft in the Air Force fleet. The fleet was delivered to the Air Force between 1969 and 1989. Service life was extended to at least 2040 as a result of the reliability enhancement and re-engining program (RERP) modification. Current C-5M RDT&E efforts are the C-5M Replace Multi-functional Controls and Display (RMCD) program and C-5 Modernization. RMCD is a cockpit display modification to mitigate the obsolescence of the current control and display units. The C-5 Modernization efforts help keep the aircraft viable for the Air Force by developing solutions to mitigate safety of flight concerns and by addressing other reliability/availability/maintainability issues, such as the Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR), stemming from C-5 system obsolescence. Additionally, the C-5 Modernization funding line supports the warfighter directly to implement Air Force mandated operational capabilities, including but not limited to MAF Connectivity, Mobile User Objective System (MUOS) Antenna upgrade, and Second-Generation Anti-Jam Tactical UHF Radio for NATO (SATURN), which are required to keep the platform operationally relevant in a modern threat environment. Efforts will include initial capabilities studies and analysis, risk reduction efforts, and studies and analysis to address Diminishing Manufacturing Sources (DMS). This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element. The FY 2026 request was reduced by \$0.957 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."												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401119F I C-5 Airlift Squadrons (IF)			
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	29.502	33.003	51.939	0.000	51.939
Current President's Budget	25.938	32.903	33.713	0.000	33.713
Total Adjustments	-3.564	-0.100	-18.226	0.000	-18.226
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-1.216	-0.100			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-1.554	0.000			
• SBIR/STTR Transfer	-0.794	0.000			
• Other Adjustments	0.000	0.000	-18.226	0.000	-18.226
Change Summary Explanation					
FY 2024 funding decreased by \$3.564 million due to Below Threshold Reprogramming for \$1.554 million to support other Air Force priorities, a Congressional Directed Reduction of \$1.216 million due to early to need and funding to support Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs.					
FY 2026 funding decreased by \$18.226 million due to anticipated completion of the Replace Multi-functional Controls and Display (RMCD) development and transition to production.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)				Project (Number/Name) 671307 / C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)			
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
671307: C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)	0.000	22.938	32.800	24.731	0.000	24.731	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The C-5M Replace Multi-functional Controls and Display (RMCD) program is a modification to mitigate the obsolescence of the current control and display units. The RMCD program is also a comprehensive effort to ensure appropriate RMCD Line Replaceable Units (LRU) are developed and installed on the C-5M allowing aircraft operation in accordance with civil airspace access mandates for both US National Airspace System (NAS) and international civil airspace. RMCD is a program that will replace the current seven legacy multi-function display units with four updated displays for the pilot, copilot, flight engineer, and a display shared by the pilot and copilot.

This effort centers on modifying the current display units to support legacy inputs and integration of new system capabilities with margin for growth by upgrading the displays' power solution. Use of mixed displays (current and new) is not permissible due to obsolescence and human factors considerations.

This modification may include software development, data, cyber security, testing, installation, spares, Systems Integration Lab (SIL), prototypes, and other program support activities. Funding may be used to address Diminishing Manufacturing Sources (DMS). The modification helps to maintain aircraft availability as the new multi-functional controls and displays replaces the current controls and displays. Funding supports studies and analysis, risk reduction efforts, Advisory and Assistance Services (A&AS), program support costs, change orders, and other government costs such as travel, directorate support, government furnished equipment (GFE), and over and above costs. RMCD funding request supports development activities through FY 2027.

In FY 2024, the program continued development activity and received shipment of four engineering prototype shipsets and issued a Request For Proposal (RFP) for a follow-on development contract with Lockheed Martin, anticipate contract award in first quarter FY 2025.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: C-5 Replace Multi-Functional Controls and Display	22.938	32.800	24.731	-	24.731

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)			Project (Number/Name) 671307 / C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Replace Multi-Functional Controls and Display (RMCD) will enable the C-5M to achieve wartime mission requirements by maintaining fleet availability (mission capable rate). FY 2025 Plans: Continue EMD activities to include but not limited to software development, data, cyber security, testing, installation, spares, Systems Integration Lab (SIL), prototypes, and other program support activities. Continue hardware and engineering development activities to deliver Engineering Units for Displays, testing within System Integration Lab and Graphics Processor Units. FY 2026 Base Plans: RMCD program plans include but not limited to EMD activities, completing Developmental Test and Operational Test (DT & OT) in preparation for a final test report, transition to a production ready design for displays and graphic processing units and anticipates successful Production Readiness Review and Milestone C decision. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to rephase of trainer installation requirement.											
Accomplishments/Planned Programs Subtotals							22.938	32.800	24.731	-	24.731
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
• APAF 05 Line Item C00500: C-5 Mods	22.187	43.370	34.939	-	34.939	-	-	-	-	-	-
• APAF 06 000999: Initial Spares/Repair Parts	2.053	9.519	9.486	-	9.486	-	-	-	-	-	-
• APAF 07 000075: C-5 Other Production Charges	0.000	0.000	0.103	-	0.103	-	-	-	-	-	-
• APAF 07 000071: Aircraft Replacement Support Equip	0.000	3.173	3.231	-	3.231	-	-	-	-	-	-
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)	Project (Number/Name) 671307 / C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)
D. Acquisition Strategy Program Acquisition Strategy Panel (ASP) approved program's acquisition strategy on 4 Apr 2020. This strategy approved executing an Other Transaction Authority (OTA) contract to procure proof of concept hardware for test/analysis, award a Sole Source Engineering and Manufacturing Development (EMD) contract to Lockheed Martin Aerospace for system software and hardware tech insertion, system integration, data management, systems engineering, logistics, test and training to modify 2 aircraft. At completion of EMD, the program would move into Milestone C for Low Rate Initial Production (LRIP) and production to follow. Delta ASP approved 12 May 2022 to align EMD contractor requirements and update software development strategy. Delta ASP approved 29 Sep 2023 to restructure EMD contractor requirements and include increased scope.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)				Project (Number/Name) 671307 / C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
RMCD Integration Contract	SS/CPiF	Lockheed Martin : Marietta, GA	-	11.995	Jan 2024	18.000	Jan 2025	15.990	Nov 2025	-		15.990	-	-	-
RMCD Other Transaction Authority (OTA)	SS/FP	SOSSEC, Inc : Salem, NH	-	4.985	Jan 2024	-		-		-		-	-	-	-
Subtotal			-	16.980		18.000		15.990		-		15.990	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs	Various	WPAFB/RobinsAFB : TBD	-	2.542	Apr 2024	5.600	Apr 2025	3.341	Apr 2026	-		3.341	-	-	-
Subtotal			-	2.542		5.600		3.341		-		3.341	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Test	PO	AFLCMC/WLS : Robins AFB, GA	-	2.200	Jan 2024	5.000	Jan 2025	4.500	Nov 2025	-		4.500	-	-	-
Systems Integration Lab (SIL)	MIPR	AFMC 578 SWES/ MXDPAA : Robins AFB, GA	-	1.216	Jan 2024	4.200	Jan 2025	0.900	Nov 2025	-		0.900	-	-	-
Subtotal			-	3.416		9.200		5.400		-		5.400	-	-	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			-	22.938		32.800		24.731		-		24.731	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025									
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)					Project (Number/Name) 671307 / C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)									

	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
Replace Multi-Functional Control & Display																												
PDR																												
Milestone B																												
EMD																												
SIL Testing																												
CDR																												
Developmental Test																												
Milestone C																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)	Project (Number/Name) 671307 / C-5 REPLACE MULTIFUNCT CONTROL AND DISPLAY (RMCD)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Replace Multi-Functional Control & Display				
PDR	2	2024	2	2025
Milestone B	3	2024	3	2025
EMD	3	2024	4	2026
SIL Testing	1	2024	3	2025
CDR	4	2024	4	2024
Developmental Test	4	2025	1	2026
Milestone C	4	2026	4	2026

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)				Project (Number/Name) 671308 / C-5 Modernization Efforts			
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
671308: C-5 Modernization Efforts	0.000	3.000	0.103	8.982	0.000	8.982	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 7, PE 0401119F, project 671308, Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR), is a new start.

A. Mission Description and Budget Item Justification

The C-5 Modernization Efforts will develop future solutions for needed upgrades to combat obsolescence, safety of flight, and reliability/availability/maintainability issues. Efforts will also include initial capabilities studies and analysis, risk reduction efforts, and studies and analysis to address Diminishing Manufacturing Sources (DMS). This funding line is designed to support aircraft Research, Development, Test & Evaluation (RDT&E) efforts including but not limited to studies and analyses, risk reduction efforts, software development, Advisory and Assistance Services (A&AS), program support costs, change orders, and other government costs such as travel, directorate support, government furnished equipment (GFE), and over and above costs. Types of activities supported will include software development, data, cyber security, testing, installation, spares, Systems Integration Lab (SIL), prototypes, and other program support activities.

All funds allocated to this project are dedicated to C-5 modernization efforts which will be prioritized in accordance with Air Mobility Command (AMC) processes. These efforts may include mission computer upgrades, air data system upgrades, communication system upgrades for Mobile User Objective System (MUOS), Second Generation Anti-Jam Tactical UHF Radio for NATO (SATURN), and viability improvement initiatives to legacy communication equipment, flight deck panel upgrades and navigational solutions in denied environments compatible with Military-coded global positioning system.

The C-5M Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR) program is a modification to mitigate the obsolescence of the current air data system, mission computers, and the associated aircraft Operational Flight Program coding practices. The HAGAR program is a comprehensive effort to ensure appropriate HAGAR Line Replaceable Units (LRUs) are developed, integrated, and installed on the C-5M allowing aircraft operation in accordance with civil airspace access mandates for both US National Airspace System (NAS) and international civil airspace.

This effort centers on modifying the current mission computing architecture and air data systems. These components include, but are not limited to: the Versatile Integrated Avionics/Avionics Interface unit (VIA/AIU), Bus System Interface Unit/Bus Adapter Unit, Airplane Personality Module, Standard Central Air Data Computer (SCADC), Total Air Temperature Indicating System, Pitot-static system, and Secondary Flight Display.

The VIA/AIU is an avionic Honeywell product that is experiencing significant DMS/obsolescence along with sustainment infrastructure supportability issues. Mission Computer Replacement of obsolete Terminal Control Software, Flight Management System, IBT Infrastructure, Automatic Flight Controls, and Operating System will occur. The Backup Integrated Processor (BIP) will be removed. The current repair end date is 2027 for the VIA/AIU. The C-5 platform will begin to see the degradation and cannibalization of parts to support mission requirements. Currently there are a total of 74-plus obsolescent sub-components that have been identified in the VIA/AIU. System degradation will be experienced on the VIA/AIU components and preclude the program office to support the current system beyond 2029.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)	Project (Number/Name) 671308 / C-5 Modernization Efforts				
The Standard Central Air Data Computer (SCADC) is among the oldest components on the C-5. The original specification document was written in 1966, and the current GEC Avionics 141/A has been on the C-5 since 1983. The SCADC is a real-time, bus-oriented, microprocessor-based digital computer. The SCADC computes related air data functions, and air data parameters to the core processing system. The C-5M is the only user of the SCADC and related air data system components. The system is experiencing severe Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues and the C-5M platform will start seeing severe mission degradation beginning in FY29 with the current projections of the program office being unable to support the system past FY 2033. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 milion is forecast for civilian pay expenses in this program element.							
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Next Generation Airlift (NGAL) Description: Initial Study of Capabilities FY 2025 Plans: N/A FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A			3.000	0.000	0.000	0.000	0.000
Title: C-5 Modernization Efforts Description: C-5 modernization efforts to include but not limited to Mobile User Objective System (MUOS) Antenna upgrades, Second Generation Anti-Jam Tactical UHF Radio for NATO (SATURN), and viability improvement initiatives. The upgrade to SATURN will provide U.S. forces with an improved radio resistant to jamming through fast-frequency hopping and digital modulation techniques. FY 2025 Plans: Initial planning for C-5 communications upgrades to include but not limited to Second Generation Anti-Jam Tactical Ultra-High Frequency Radio (SATURN), Versatile Integrated Avionics/Avionics Interface unit (VIA/AIU),			0.000	0.103	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)	Project (Number/Name) 671308 / C-5 Modernization Efforts				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Bus System Interface Unit / Bus Adapter Unit, Airplane Personality Module, Standard Central Air Data Computer (SCADC), Total Air Temperature Indicating System, Pitot-static system, and Secondary Flight Display. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to ramp down of other modernization efforts in support of Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR) modernization efforts.						
Title: Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR) Description: The C-5 HAGAR program is a comprehensive effort to ensure appropriate HAGAR Line Replaceable Units (LRU) are developed, integrated, and installed on the C-5M allowing aircraft operation in accordance with civil airspace access mandates for both US National Airspace System (NAS) and international civil airspace. The C-5M HAGAR program will address obsolescence issues with outdated LRUs by updating technolog and mitigate the obsolescence of the current air data system, mission computers, and the associated aircraft Operational Flight Program coding practices. FY 2025 Plans: N/A FY 2026 Base Plans: LRU testing, development and modification activites to include but not limited to software development, data, cyber security, testing, installation, spares, Systems Integration Lab (SIL), prototypes, and other program support activities. Funding may be used to address Diminishing Manufacturing Sources (DMS). FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due ramp up of HAGAR program to include software development, testing and other support activites.		0.000	0.000	8.982	0.000	8.982
Accomplishments/Planned Programs Subtotals		3.000	0.103	8.982	0.000	8.982

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)	Project (Number/Name) 671308 / C-5 Modernization Efforts
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy The acquisition strategies for Holistic Avionics Grounding Avoidance and Recapitalization (HAGAR) and other C-5 modernization efforts will be informed and determined by the recommendations and results from the initial capabilities studies.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)				Project (Number/Name) 671308 / C-5 Modernization Efforts					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-5 Modernization Studies	PO	FFRDC Study : TBD	-	3.000	May 2024	-		-		-		-	-	-	-
C-5 Modernization Software Dev	TBD	Not specified. : TBD	-	-		-		4.042	May 2026	-		4.042	-	-	-
C-5 Modernization Non-Recurring Engineering	TBD	Not specified. : TBD	-	-		-		1.796	May 2026	-		1.796	-	-	-
C-5 Modernization Systems Engineering & Program Management	TBD	Not specified. : TBD	-	-		-		0.899	Jan 2026	-		0.899	-	-	-
Subtotal			-	3.000		-		6.737		-		6.737	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Other Govt Costs	C/TBD	Not specified. : TBD	-	-		-		0.898	May 2026	-		0.898	-	-	-
Subtotal			-	-		-		0.898		-		0.898	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs	C/TBD	Not specified. : TBD	-	-		0.103	May 2025	1.347	Feb 2026	-		1.347	-	-	-
Subtotal			-	-		0.103		1.347		-		1.347	-	-	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			-	3.000		0.103		8.982		-		8.982	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0401119F / C-5 Airlift Squadrons (IF)					671308 / C-5 Modernization Efforts			

	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
Next Generation Airlift																												
Studies and Analysis																												
C-5 Modernization																												
C-5 Modernization Initial Planning																												
HAGAR																												
NRE																												
Software Dev																												
EMD																												
Milestone B																												
PDR																												
CDR																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401119F / C-5 Airlift Squadrons (IF)	Project (Number/Name) 671308 / C-5 Modernization Efforts	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Next Generation Airlift				
Studies and Analysis	3	2024	2	2025
C-5 Modernization				
C-5 Modernization Initial Planning	2	2025	2	2026
HAGAR				
NRE	3	2026	3	2030
Software Dev	3	2026	3	2030
EMD	2	2026	1	2030
Milestone B	2	2026	2	2026
PDR	3	2027	3	2027
CDR	4	2028	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0401130F / <i>C-17 Aircraft (IF)</i>

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	0.000	2.702	11.986	76.514	0.000	76.514	-	-	-	-	-	-
672569: <i>C-17A Aircraft</i>	0.000	2.702	11.986	76.514	0.000	76.514	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The four-engine C-17 is the only aircraft capable of routine delivery of outsize cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 36-liter patients or 18 standard 463-L pallets. The C-17 can perform the entire spectrum of airlift missions and is specifically designed to operate effectively and efficiently in both strategic and theater environments. Not only can the C-17 deliver outsize cargo to austere tactical environments, but it also reduces ground time during air and land operations.

Strategic Airlift provides essential flexibility when responding to contingencies on short notice anywhere in the world. It is a major element of America's national security strategy and constitutes the most responsive means of meeting mobility requirements. Specific tasks associated with the airlift mission include deployment, employment, sustaining support, retrograde, aeromedical evacuation, and combat redeployment. The C-17 will perform this airlift mission well into this century.

C-17 Research, Development, Test & Evaluation (RDT&E) funding efforts include but not limited to Aircraft performance improvements, aircraft mission execution and airspace access mandates (i.e. Communications/Navigation Improvements); flight test activities and facilities; development of solutions for obsolescence and safety of flight issues; systems engineering/program support; support for avionics laboratories; software development, test and integration; block development/change management; developments of solutions for needed upgrades to combat obsolescence and safety of flight issues; and proposal preparation for new projects. Funding supports efforts that include but not limited to Flight Deck Replacement (FDR), Beyond Line of Sight (BLOS), Aircraft Connectivity, and fuel efficiency, and studies to assess survivability efforts of different defensive systems not equipped on C-17 aircraft.

Funding request includes Rapid Global Mobility (RGM) platform-related rapid capability development process activities including early planning, analysis and systems engineering activities which provide linkages between operation needs, system performance requirements, technology needs and opportunities, potential lifecycle costs and enabling the technical foundation for material development.

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

The FY 2026 request for C-17A Aircraft includes \$76,514 thousand of discretionary and \$4,410 thousand of mandatory (reconciliation) for a total of \$80,924 thousand. The mandatory funds development activities for aircraft connectivity. Further information for this reconciliation request is provided in Section 20007 (Air Superiority) of the Reconciliation Exhibit.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025					
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401130F I C-17 Aircraft (IF)						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0.500 million was expended for civilian pay expenses in this program element, and in FY 2025 \$1.275 million is forecast for civilian pay expenses in this program element.								
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		2.753	17.395	27.998	0.000	27.998		
Current President's Budget		2.702	11.986	76.514	0.000	76.514		
Total Adjustments		-0.051	-5.409	48.516	0.000	48.516		
• Congressional General Reductions		0.000	0.000					
• Congressional Directed Reductions		0.000	-5.409					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		0.000	0.000					
• Congressional Directed Transfers		0.000	0.000					
• Reprogrammings		0.000	0.000					
• SBIR/STTR Transfer		-0.051	0.000					
• Other Adjustments		0.000	0.000	48.516	0.000	48.516		
Change Summary Explanation								
FY 2025 funding request reduced by \$5.409 million due to Congressional Directed Reductions for Databus Collection and Analytics unjustified funds (\$2.500 million), Aircraft Connectivity unjustified funds (\$0.100 million) and Support Carryover (\$2.809 million).								
FY 2026 funding request increased \$48.516 million to support Flight Deck Replacement development activities.								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Beyond Line of Sight (BLOS)				1.700	2.040	0.200	0.000	0.200
Description: Beyond Line-Of-Sight (BLOS) modernization modification is a development, integration, and retrofit program for C-17 communications. BLOS modifies and improves hardware and software for voice and data communications for Air Traffic Control (ATC) on the C-17. The program will modify both integrated aircraft avionics as well as back-end mission communications and could utilize both military and commercial satellite systems to extend communication ranges. The current efforts include but are not limited to Aero-I/Aero-H								

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401130F I C-17 Aircraft (IF)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
modernizations Comm Mod and NSA mandated crypto upgrades. It includes support for flight test, software labs, and systems engineering activities for C-17 research and development programs.						
FY 2025 Plans: BLOS program continues and completes Test & Evaluation activities and certification efforts.						
FY 2026 Base Plans: BLOS project closure activities and wrapping up Operational Testing reviews.						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decrease due to anticipated ramp down and closure of BLOS activities.						
Title: Databus Collection & Analytics (DBCA)		0.000	2.500	0.000	0.000	0.000
Description: Databus Collection and Analytics (DBCA), previously Databus Reporting System (DBRS), has been renamed to highlight both the hardware and analytics capabilities instead of focusing primarily on hardware. DBCA will capture and apply analytics to all data present across all databuses on the C-17 aircraft to provide and drive efficiencies in predictive maintenance, operations, training, safety considerations and cybersecurity concerns. This comprehensive aircraft data collection system will record, transfer and retain, process and analyze, and provide aircraft and fleet recommendations. Data analysis to be comprehensive enough to forecast/trend root-cause analysis, drive predictive maintenance decisions, accomplish propulsion/APU health trending programs, and provide sortie reconstruction for operator training/debriefing.						
FY 2025 Plans: Pre-acquisition contracting activities to support acquisition strategy.						
FY 2026 Base Plans: N/A						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement:						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401130F I C-17 Aircraft (IF)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Funding decrease due to new Program Strategy and anticipated standdown of COTS activities.						
Title: Flight Test Description: Contractor Flight Test support to continue contractor testing of new capabilities as required. Costs include but not limited to maintenance on test aircraft, contractor engineering support for test related technical and safety of flight issues, test planning, test analysis, and support of test execution. It also includes Edwards AFB Flight Test Support where direct costs are related to flight testing and include ramp space, fuel, air traffic control, range costs, etc., which are items each weapon system must pay when using Air Force flight test locations. FY 2025 Plans: Contractor engineering support for test related technical and safety of flight issues, test planning, test analysis, and support. FY 2026 Base Plans: Flight test support for related technical and safety of flight issues, test planning, and test analysis activities. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to ramp up of flight testing activities.		0.000	4.725	5.406	0.000	5.406
Title: Aircraft Connectivity Description: The National Security Strategy and the National Defense Strategy dictate the importance of connectivity in the Indo-Pacific as well as other regions. Air Mobility Command is driving a system architecture for the C-17 as well as other Mobility aircraft to incorporate a Federated Mission System Reference Architecture. This architecture integrates multiple data sources, connectivity options, analytics, and applications into an interoperable system. The foundation of the architecture is the multiple sources of connectivity to include line of sight (tactical data link), beyond line of sight (satellite connections) and communications within the aircraft. These efforts include Starshield, Tactical Da-ta Link, Hybrid SATCOM, as well as other projects. FY 2025 Plans: Pre-acquisition contracting activities to support contract award. FY 2026 Base Plans:		0.000	0.100	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401130F I C-17 Aircraft (IF)				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
N/A						
FY 2026 OOC Plans: N/A						
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased for Aircraft Connectivity efforts and will be appropriately offset by funding sourced from the Reconciliation Bill (H.R.1) upon enactment.						
Title: Flight Deck Replacement (FDR) Description: Flight Deck Replacement (FDR) is a development, integration, and retrofit program seeking to modernize the C-17 fight deck and prevents the C-17 fleet from grounding in due to parts obsolescence. The program replaces the obsolete mission flight computer (core integrated processors (CIP)), multi-function displays (MFD), standby engine displays (SED), video integrated processor (VIP), and provides updates for the affected simulators/trainers/labs. The program's capabilities provide an open systems architecture enabling future modular "plug and play", advancing C-17 flight deck components to current industry standards. FY 2025 Plans: Start of engineering and manufacturing development activities to include but not limited to software development, data, cyber security, testing, integration laboratory updates, and other program support activities. FY 2026 Base Plans: Continue engineering and manufacturing development to include but not limited to software development, data, cyber security, testing, integration laboratory updates, and other program support activities. Contractor design activities anticipated to lead to successful a System Requirements Review and Preliminary Design Review. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to accelerated ramp up of contracting activities and anticipated FDR development contract award.		1.002	2.621	70.908	0.000	70.908
Accomplishments/Planned Programs Subtotals		2.702	11.986	76.514	0.000	76.514

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0401130F I C-17 Aircraft (IF)						
D. 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
• APAF 05 Line Item C01700: C-17A	120.710	85.691	9.853	0.000	9.853	-	-	-	-	-	-
• APAF 06 Line Item 000999: Initial Spares/Repair Parts	11.637	10.405	2.549	0.000	2.549	-	-	-	-	-	-
• APAF 07 C01700: C-17A	0.000	0.000	2.672	0.000	2.672	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
The C-17 Acquisition Strategy is based on several separate contracts to support the entire scope of the C-17 weapon system. Globemaster Operational Enhancement (GLOBE) is an indefinite delivery, indefinite quantity (IDIQ) contract used to purchase services and research articles (through delivery orders) to support all RDT&E with our prime contractor. In addition, purchase orders are used to support flight test activities within the projects at Edwards AFB. Additional contract vehicles could be utilized as required.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401130F / C-17 Aircraft (IF)				Project (Number/Name) 672569 / C-17A Aircraft					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-17 BLOS- Beyond Line of Sight	Various	Boeing : Long Beach, CA	-	1.700	Feb 2024	2.040	Nov 2024	0.200	Nov 2025	-		0.200	-	-	72.136
C-17 FDR- Flight Deck Replacement	SS/CPFF	Boeing : Long Beach, CA	-	0.502	Mar 2024	1.346	Dec 2024	68.328	Dec 2025	-		68.328	-	-	-
C-17 DBCA - Databus Collection and Analytics	TBD	Not specified. : TBD	-	-		2.500	Mar 2026	0.000	Jan 2026	-		0.000	-	-	-
C-17 Aircraft Connectivity	TBD	Not specified. : TBD	-	-		0.100	Mar 2026	-		-		-	-	-	-
Flight Test Support	Various	Boeing : TBD	-	-		4.725	May 2025	5.406	May 2026	-		5.406	-	-	-
Subtotal			-	2.202		10.711		73.934		-		73.934	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Direct Cite Authority Civilian Pay	Various	Not specified. : TBD	-	0.500	Mar 2024	1.275	Oct 2024	2.580	Oct 2025	-		2.580	-	-	-
Subtotal			-	0.500		1.275		2.580		-		2.580	-	-	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			-	2.702		11.986		76.514		-		76.514	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																Date: June 2025			
Appropriation/Budget Activity								R-1 Program Element (Number/Name)								Project (Number/Name)			
3600 / 7								PE 0401130F / C-17 Aircraft (IF)								672569 / C-17A Aircraft			

	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
C-17																												
Beyond Line of Sight (BLOS)																												
Flight Deck Replacement (FDR)																												
Databus Collection and Analytics (DBCA)																												
Aircraft Connectivity																												
Flight Test Support																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401130F / C-17 Aircraft (IF)	Project (Number/Name) 672569 / C-17A Aircraft	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
C-17				
Beyond Line of Sight (BLOS)	1	2024	2	2026
Flight Deck Replacement (FDR)	2	2024	4	2030
Databus Collection and Analytics (DBCA)	2	2025	4	2025
Aircraft Connectivity	2	2025	4	2029
Flight Test Support	1	2025	4	2030

Note
BLOS: The Development contract for BLOS has been extended to support an Operational Test for Summer 2025, with support needed to review Test Reports and contract closure to 2nd Quarter of 2026.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0401132F I C-130J 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
Total Program Element	0.000	21.469	63.533	31.354	0.000	31.354	-	-	-	-	-	-
675061: C-130J	0.000	18.163	42.349	3.775	0.000	3.775	-	-	-	-	-	-
675305: C-130J Prog	0.000	3.306	21.184	27.579	0.000	27.579	-	-	-	-	-	-
Program MDAP/MAIS Code: 220												
A. Mission Description and Budget Item Justification												
The C-130J is a medium-sized transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 feet) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/H and the C-130J (short). Special mission variants of the C-130J conduct airborne weather reconnaissance (WC-130J), search and rescue (HC-130J), and special operations (MC-130J and AC-130J). All aircraft variants must be capable of worldwide operations. This project provides RDT&E funding for required capabilities that are grouped as "Block" upgrades or "Capability" or "Enhancement and Deficiencies" (EnD) updates. Content/requirements for block modifications is documented in International Program Directives (IPDs) and as determined in the Cooperative Systems and Software Upgrade Requirements Management (COSSURM) prioritized requirements process. This project will integrate the common-core capabilities developed under this program into the C-130J. The development costs are being shared via a global Project Arrangement (PA) by the United States (USAF, USMC, USCG), Italy, Australia, Denmark, Canada, and Norway. The C-130J program also includes Communication Modification 1 (Comm Mod 1) and Communication Modification 2 (Comm Mod 2). This effort includes but not limited to development, integration, and test of the new radio and communication systems including but not limited to Mobile User Objective System (MUOS), Second-generation Anti-jam Tactical UHF Radio for NATO (SATURN), Joint Range Extension Application Protocols (JREAP) to modernize Military Satellite Communications, Ultra High Frequency (UHF) and High Frequency (HF) radios, special mission processing, and data link messaging. These systems will provide secure, global Line of Sight (LOS) and Beyond Line of Sight (BLOS) satellite voice and data connectivity utilizing modern satellite constellations. C-130J requirements support the performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element. The FY 2026 request was reduced by \$1.001 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."												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401132F I C-130J Program				
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		19.100	34.423	32.469	0.000	32.469
Current President's Budget		21.469	63.533	31.354	0.000	31.354
Total Adjustments		2.369	29.110	-1.115	0.000	-1.115
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-3.328	-1.890			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		10.000	31.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		-3.446	0.000			
• SBIR/STTR Transfer		-0.857	0.000			
• Other Adjustments		0.000	0.000	-1.115	0.000	-1.115
Congressional Add Details (\$ in Millions, and Includes General Reductions)						
Project: 675061: C-130J						
Congressional Add: Polar Airlift						
Congressional Add: Fire Supression						
Congressional Add: Enhanced Flight Vision System						
Congressional Add Subtotals for Project: 675061						
Congressional Add Totals for all Projects						
Change Summary Explanation						
FY 2024 funding request increased by \$2.369 million which includes Congressional Adds of \$10.000 million, Congressional Directed Reductions for Block 8.1 excess to need (\$2.900 million) and MILSATCOM Carryover (\$0.428 million) and Reprogramming actions for \$3.446 million to support higher Air Force requirements and funding for Small Business Innovation Research (SBIR) program.						
FY 2025 funding request increased by \$29.110 million due to Congressional Adds for Polar Airlift, and ANG Enhanced Flight Vision System and Congressional Directed Reduction for \$1.890 million for COMM Mod Carryover.						
FY 2026 funding request decreased by \$1.115 million due to economic inflation adjustments.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401132F / C-130J Program				Project (Number/Name) 675061 / C-130J			
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
675061: C-130J	0.000	18.163	42.349	3.775	0.000	3.775	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The C-130J is a medium-sized transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 feet) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/H and the C-130J (short). Special mission variants of the C-130J conduct weather reconnaissance (WC-130J), search and rescue (HC-130J), and special operations (MC-130J and AC-130J). All aircraft variants must be capable of worldwide operations.

This project also provides RDT&E funding and outlined in a cost share agreement for required capabilities that are grouped as "Block" upgrades or "Capability" or "Enhancement and Deficiencies" (EnD) updates. Content/requirements for these efforts is documented in International Program Directives (IPDs) as determined through the Cooperative Systems and Software Upgrade Requirements Management (COSSURM) process or other approved C-130J Joint User Group (JUG) processes. Activities required to complete development and integration of the common-core capabilities for all United States' variants are included in this project. In addition, this project includes early acquisition and engineering studies and initiatives related to the C-130J such as, but not limited to, capability gap resolution, emerging technology assessments, exploration and adaptation, systems integration assessments and technology transition; to include digital transformation.

This project also provides RDT&E funding for requirements that are outside of the "Block" upgrades, "Capability" updates, "Enhancement and Deficiencies" (EnD) updates, or COSSURM process. These efforts may include, but are not limited to, communication, data link, Global Positioning Systems (GPS), electronic warfare, formation flight system, digital pathfinder initiatives and mission support system updates. The requirements are identified and concurred between the C-130J Program Office and Air Mobility Command (AMC). Requirements are documented through the C-130J Program Office approval process.

This project provides RDT&E funding for studies and risk reduction activities and Program Support Costs (PSC).

This project includes RDT&E funding for the following C-130J aircraft variants: C-130J stretch aircraft, C-130J short aircraft, and WC-130J aircraft.

This project includes RDT&E funding for Rapid Global Mobility (RGM) platform related activities including, but not limited to, prototyping, capability development, process activities, planning analysis, digital acquisition and systems engineering activities.

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

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401132F / C-130J Program		Project (Number/Name) 675061 / C-130J	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
Title: Test & Evaluation Description: Test and evaluation planning, conduct and support for developmental and operational testing of C-130J programs; to include, but not limited to the Block 8.1 and Capability Management Update 2 (CMU 2) (Block 8.1.2) programs. FY 2025 Plans: Caddie Core Contract Support FY 2026 Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to ramp down of testing and evaluation planning activities.			1.072	1.104	0.000
Title: Capability Management Update (CMU) Description: CMU 1 (8.1.1) and CMU 2 (8.1.2) refine and build on Block upgrade modifications that improve operational effectiveness, satisfy emerging operational needs, and enhance Human Machine Interface (HMI) to allow a workload that meets human factors standards and maintains the present crew complement. Subsystems and software impacted includes, but is not limited to, the Mission Computer (MC), Bus Interface Unit (BIU), Communications Navigation Identification - System Processor (CNI-SP), Special Mission Display Processor (SMDP), and Data Transfer and Diagnostic System (DTADS). FY 2025 Plans: N/A FY 2026 Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A			1.465	0.000	0.000
Title: Enhancement & Deficiencies (EnD) Description: EnD refines and builds on Block upgrade modifications that improve operational effectiveness, satisfy emerging operational needs, and enhance Human Machine Interface (HMI) to allow a workload that meets human factors standards and maintains the present crew complement. Subsystems and software impacted includes, but is not limited to, the Mission Computer (MC), Bus Interface Unit (BIU), Communications Navigation Identification - System Processor (CNI-SP), Special Mission Display Processor (SMDP), and Data Transfer and Diagnostic System (DTADS). FY 2025 Plans:			0.000	9.964	0.875

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401132F / C-130J Program	Project (Number/Name) 675061 / C-130J		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026
Continuation of EnD 1 (Block 8.1.3) activities and contract award efforts. FY 2026 Plans: EnD 1 for CMU 2 program Block 8.1.3 contracting activities. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to due to availability of prior year funds to support initial contract award.					
Title: Cooperative Systems and Software Upgrade Requirements Management (COSSURM) Description: Continuing effort to collect potential requirements for inclusion into a Capability Management Update, or Enhancement and Deficiencies (EnD) Common Non-Recurring Engineering (CNRE) effort. FY 2025 Plans: COSSURM planning and development of EnD requirements and JUG website. FY 2026 Plans: Continuation of COSSURM planning and development of EnD requirements and JUG website. FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to ramp up of EnD activities.			0.000	0.060	0.109
Title: Other Initiatives Description: C-130J Initiatives/Studies and digital transformation efforts, to include but not limited to the mission computer. FY 2025 Plans: Activities supporting digital transformation efforts and future initiatives. FY 2026 Plans: Continuation of prior year digital transformations efforts. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due economic adjustment factors.			0.315	0.100	0.008
Title: C-130J/International Programs Office (IPO) Support Description: C-130J and C-130J IPO support of programmatic activities. FY 2025 Plans: Program support activities. FY 2026 Plans:			5.677	0.121	2.783

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0401132F / C-130J Program			Project (Number/Name) 675061 / C-130J				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
Continuation of program support activities.											
FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased to meet International C-130J Joint Users Group commitment.											
Accomplishments/Planned Programs Subtotals							8.529	11.349	3.775		
							FY 2024	FY 2025			
Congressional Add: Polar Airlift							4.817	29.000			
FY 2024 Accomplishments: Non-recurring engineering for polar airlift aircraft.											
FY 2025 Plans: Non Recurring Engineering for Polar Airlift Aircraft											
Congressional Add: Fire Supression							4.817	-			
FY 2024 Accomplishments: Aerial delivery of fire suppression.											
Congressional Add: Enhanced Flight Vision System							0.000	2.000			
FY 2024 Accomplishments: N/A											
FY 2025 Plans: Enhanced Flight Vision System											
Congressional Adds Subtotals							9.634	31.000			
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
• APAF 05 Line Item C1300J: C-130J Mods	111.958	206.904	-	-	-	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
The C-130J aircraft will be modified using a "block upgrade" strategy. The Communication, Navigation, and Surveillance and Air Traffic Management (CNS/ATM), navigation safety requirement initially met in three block upgrades (Block 6.0, Block 7.0 and Block 8.1). In order to better manage the fleet, the USAF combined the Block 7 and Block 8.1 mods. This allows aircraft and trainers to be modified one time.											
Subsequently, C-130J modifications will be grouped into smaller updates known as Capability Management Updates (CMU) or Enhancement and Deficiencies (EnD). Other AMC initiatives are upgrades to hardware and software that have arisen after the formation of the block upgrades and CMUs.											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401132F / C-130J Program	Project (Number/Name) 675061 / C-130J
The proportion of CNS/ATM and navigation safety requirements allocated to Blocks 6.0 through 8.1 was determined via a design trade study conducted by Lockheed Martin (the C-130J prime contractor) and verified by the C-130J system program office and AMC. The development costs are being shared via a global Project Arrangement (PA) by the United States (USAF, USMC, USCG), Italy, Australia, Denmark, Canada, and Norway. An International Program Office (IPO), with USAF lead (Wright Patterson AFB, OH), manages the block upgrades development and CMU efforts. Retrofit of a Block on the aircraft is the responsibility of each nation. In order to meet four DoD technology refresh mandates, the communications modernization program will develop and field a federated and integrated communications system to Blocks 6.0 and 8.1 C-130J variants. In order to comply with FAA mandated frequency remapping and National Security Agency mandated crypto-modernization, the aircraft Link 16 receiver transmitter will need to be upgraded to a next generation receiver. One example of the next generation receiver is the Multifunctional Information Distribution System Joint Tactical Radio System (LINK 16) (MIDS-JTRS) terminal. CMU2 will allow initial capability of MIDS-JTRS; further MIDS-JTRS capabilities are being developed in EnD.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401132F / C-130J Program	Project (Number/Name) 675061 / C-130J

Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-130J Capability Management Upgrades (CMU), Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	PO	417th : Eglin AFB, FL	0.000	1.465	Apr 2024	-		-		-		-	-	-	20.480
C-130J AMC-Initiatives, Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/ Various	Lockheed Martin Aero : Marietta, GA	0.000	1.072	Apr 2024	1.104	Apr 2025	-		-		-	-	-	14.730
C-130J Enhancement & Deficiencies (EnD), Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/CPIF	Lockheed Martin Aero : Marietta, GA	0.000	0.000	Jun 2024	9.964	Apr 2025	0.875	Apr 2026	-		0.875	-	-	-
C130J Cooperative Systems and Software Upgrade Requirements Management (COSSURM), Air Force Life Cycle Mgmt Ctr (AFMC), WPAFB, OH	SS/ Various	Lockheed Martin Aero : Marietta, GA	0.000	0.000	Sep 2024	0.060	Nov 2024	0.109	Nov 2025	-		0.109	-	-	-
C-130J Polar Airlift Congressional Add	TBD	TBD : TBD, OH	0.000	4.817	Sep 2024	29.000		-		-		-	-	-	-
C-130J Fire Suppression Congressional Add	MIPR	US Army DEVCOM SC : Natick, MA	0.000	4.817	Sep 2025	-		-		-		-	-	-	-
C-130J Enhanced Flight Vision System Congressional Add	TBD	TBD : TBD, OH	0.000	-		2.000	Sep 2026	-		-		-	-	-	-
Subtotal			0.000	12.171		42.128		0.984		-		0.984	-	-	N/A

Remarks
C-130J Block 8.1 Total Cost is below Target Value of Contract to account for the expected cost reduction initiatives on this Cost Plus Award Fee Contract.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401132F / C-130J Program				Project (Number/Name) 675061 / C-130J					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	PO	Not specified. : EGLIN, FL	0.000	0.315	Jun 2024	0.100	Nov 2025	0.008	Dec 2026	-		0.008	-	-	-
Subtotal			0.000	0.315		0.100		0.008		-		0.008	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-130J IPO Support	Various	N/A : NV	0.000	1.815	Mar 2025	0.021	Feb 2026	2.783	Feb 2026	-		2.783	-	-	15.014
C-130J COSSURM	Various	N/A : NV	0.000	0.000	Feb 2024	0.000	Feb 2025	-		-		-	-	-	16.548
C-130J Support	Various	N/A : OH	0.000	3.862	Feb 2024	0.100	Feb 2025	-		-		-	-	-	15.014
Subtotal			0.000	5.677		0.121		2.783		-		2.783	-	-	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			0.000	18.163		42.349		3.775		-		3.775	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0401132F / C-130J Program					675061 / C-130J			

	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
C-130J																												
CMU 2																												
EnD																												
COSSURM																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401132F / C-130J Program	Project (Number/Name) 675061 / C-130J	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
C-130J				
CMU 2	1	2024	4	2025
EnD	4	2024	4	2029
COSSURM	1	2024	4	2029

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401132F / C-130J Program				Project (Number/Name) 675305 / C-130J Prog			
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
675305: C-130J Prog	0.000	3.306	21.184	27.579	0.000	27.579	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program includes funding for Communication Modernization (phase 1 and phase 2) which meets Crypto Mandate 1. This effort is for the development and integration of the new radio communication and defensive systems including, but not limited to, Mobile User Objective System (MUOS), Second-generation Anti-jam Tactical UHF Radio for NATO (SATURN), Joint Range Extension Application Protocols (JREAP) to modernize Military Satellite Communication System (MILSATCOM), JREAP Connectivity via Commercial Pathway, Ultra High Frequency (UHF) and Super High Frequency (SHF) modernization including Hybrid SATCOM/Global Lighting or similar technologies, High Frequency (HF) Radio Modernization, special mission processing, and data link messaging. These systems will provide secure, global Line of Sight (LOS) and Beyond Line of Sight (BLOS) satellite voice and data connectivity utilizing modern satellite constellations and waveforms. These systems will also be integrated into other C-130J capabilities, such as Radio Frequency (RF) components including ALR-69A and DRFM (Digital Radio Frequency Memory Countermeasure).

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

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.079 million is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: Communication Modernization	3.306	21.184	27.579
Description: Communication Modernization development, integration, and testing of the new radio and communication systems to provide secure, global Line of Sight (LOS) and Beyond Line of Sight (BLOS) satellite voice and data connectivity utilizing modern satellite constellations and waveforms. These systems will also be integrated into other C-130J capabilities. The program will include all 12 product support elements, including but not limited to, updating Support Equipment and Technical Data as required.			
FY 2025 Plans: Continuation of Comm Mod 1 and beginning Comm Mod phase 2 efforts.			
FY 2026 Plans: Completing Comm Mod phase 1 development and ramping up Comm Mod Phase 2 efforts.			
FY 2025 to FY 2026 Increase/Decrease Statement:			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0401132F / C-130J Program				Project (Number/Name) 675305 / C-130J Prog				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
Funding increased due to ramp up of Comm Mod Phase 2 contracting activities.												
Accomplishments/Planned Programs Subtotals										3.306	21.184	27.579
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	
• APAF 05 C1300J: C-130J Mods	121.258	182.089	-	-	-	-	-	-	-	-	-	
Remarks												
D. Acquisition Strategy												
In order to meet SecAF Crypto Mandate 1, the communications modernization program has developed a plan to field a federated (Comm mod phase 1) and integrated (Comm mod phase 2) communications system to Blocks 6.0 and 8.1 C-130J variants.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401132F / C-130J Program						Project (Number/Name) 675305 / C-130J Prog			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-130J Communication Modernization, Air Force Life Cycle Mgmt Ctr (AMFC), WPAFB, OH	SS/CPFF	Lockheed Martin Aero : Marietta, GA	0.000	3.170	Mar 2025	20.355	Mar 2026	27.096	Mar 2026	-		27.096	-	-	-
Subtotal			0.000	3.170		20.355		27.096		-		27.096	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C-130J Support	TBD	N/A : OH	0.000	0.136	Feb 2025	0.829	Sep 2025	0.483	Feb 2026	-		0.483	-	-	2.336
Subtotal			0.000	0.136		0.829		0.483		-		0.483	-	-	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			0.000	3.306		21.184		27.579		-		27.579	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025				
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)				
3600 / 7					PE 0401132F / C-130J Program					675305 / C-130J Prog				

	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
C-130J																												
Communication Modernization (MILSATCOM)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401132F / C-130J Program	Project (Number/Name) 675305 / C-130J Prog	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
C-130J				
Communication Modernization (MILSATCOM)	1	2024	3	2029

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0401134F / <i>Large Aircraft IR Countermeasures (LAIRCM)</i>

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	0.000	3.909	7.768	52.928	0.000	52.928	-	-	-	-	-	-
674942: <i>Large Aircraft Infrared Counter Measures (LAIRCM)</i>	0.000	3.909	7.768	41.433	0.000	41.433	-	-	-	-	-	-
67A037: <i>Latent Capability Development</i>	0.000	0.000	0.000	1.695	0.000	1.695	-	-	-	-	-	-
67A038: <i>Active Defense Sensor</i>	0.000	0.000	0.000	9.800	0.000	9.800	-	-	-	-	-	-

Note

This program, BA 7, PE 0401134F, project 674942, Capability Upgrade, is a new start.
 This program, BA 7, PE 0401134F, project 67A037, Latent Capability Development, is a new start.
 This program, BA 7, PE 0401134F, project 67A038, Active Defense Sensor, is a new start.

A. Mission Description and Budget Item Justification

The Large Aircraft Infrared Countermeasures (LAIRCM) system is an evolutionary acquisition program that provides significantly improved defensive systems capability for DoD aircraft to counter the man-portable air-defense systems (MANPADS) missile threat. The system is currently installed on 54 aircraft types and over 1,200 aircraft.

The current LAIRCM system configuration consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles. The number of sensors and transmitter assemblies per aircraft is determined by the size and signature of the aircraft. The system is fully autonomous following system power-up. LAIRCM requirements are documented in the multi-command Operational Requirements Document (ORD) LAIRCM ORD 314-92, validated on 03 Aug 1998.

The baseline development program is complete. Follow-on efforts continue Evolving Threat Analysis in order to address and counter new and emerging threats, as well as ensure integration onto new aircraft types and existing LAIRCM platforms. Additional efforts include design changes to improve reliability, maintainability, & availability and system improvements with form, fit, function and interface compliant replacements.

Current and future efforts include AFRL Threat Analysis; Modeling, Simulation and Test; Virtual System Integration Lab (SIL) Development; and Studies and Analysis.

To reestablish deterrence and protect our high-value asset aircraft from enemy threats, the Department of Defense requires an adjustment to the LAIRCM portfolio to pivot and transition LAIRCM into the Large Aircraft Defensive System (LADS) program in FY 2026.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401134F I Large Aircraft IR Countermeasures (LAIRCM)				
The Air Force is adjusting the lines of efforts to be 1) Evolving Threat Analysis (ETA), 2) Long Range Detect, 3) Active Detection, and 4) Advanced Defeat Technologies to help restore and rebuild capability for Survivable High-Value Airborne Assets.						
Latent Capability Development (LCD) updates the LAIRCM system to defend against unique threats. This funding will provide a programmatic support to update the system, to include hardware, software, and firmware, to enable the system's ability to detect and defeat a distinct category of threats and update to the latest threat models. Development begins at the AFRL Dynamic Infrared Missile Evaluator (DIME) Lab before transitioning to Northrop Grumman Corporation (NGC) for inclusion into the LAIRCM software baseline.						
The Active Defense Sensor (ADS) will provide sensing and cueing of threats, which is anticipated to employ a version of a long-range Radio Frequency (RF) defense sensor to provide long range sensing and cueing of threats. ADS will enhance existing High Value Airborne Asset survivability to detect and employ new tactics against an expanded category of threats. Anticipated efforts include, but are not limited to: hardware and software upgrade, development, and integration; prototyping; testing of the sensor as it integrates into a modular system of systems approach to maintain defensive capability against new and emerging threats.						
Program support cost efforts consist of, but are not limited to, contract services and government costs.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		5.982	7.768	0.000	0.000	0.000
Current President's Budget		3.909	7.768	52.928	0.000	52.928
Total Adjustments		-2.073	0.000	52.928	0.000	52.928
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-2.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.073	0.000			
• Other Adjustments		0.000	0.000	52.928	0.000	52.928

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0401134F I Large Aircraft IR Countermeasures (LAIRCM)	
Change Summary Explanation FY 2024 budget request was reduce by \$2.073 million for Congressional Directed Reduction due to excess growth and Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. FY 2026 budget request was increased by \$52.928 million to support the acceleration of four critical capabilities and initiate a new Long Range sensor development effort.		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)				Project (Number/Name) 674942 / Large Aircraft Infrared Counter Measures (LAIRCM)			
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
674942: Large Aircraft Infrared Counter Measures (LAIRCM)	0.000	3.909	7.768	41.433	0.000	41.433	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 7, PE 0401134F, project 674942, Capability Upgrade, is a new start.

A. Mission Description and Budget Item Justification

The Large Aircraft Infrared Countermeasures (LAIRCM) system is an evolutionary acquisition program that provides significantly improved defensive systems capability for DoD aircraft to counter the man-portable air-defense systems (MANPADS) missile threat. The system is currently installed on 54 aircraft types and over 1,200 aircraft.

The current LAIRCM system configuration consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles. The number of sensors and transmitter assemblies per aircraft is determined by the size and signature of the aircraft. The system is fully autonomous following system power-up. LAIRCM requirements are documented in the multi-command Operational Requirements Document (ORD) LAIRCM ORD 314-92, validated on 03 Aug 1998.

The baseline development program is complete. Follow-on efforts continue Evolving Threat Analysis in order to address and counter new and emerging threats, as well as ensure integration onto new aircraft types and existing LAIRCM platforms. Additional efforts include design changes to improve reliability, maintainability, & availability and system improvements with form, fit, function and interface compliant replacements.

LAIRCM upgrades include but are not limited to hardware and software upgrades, as well as testing of the LAIRCM system to maintain defensive capability against new and emerging threats.

Current and future efforts include AFRL Threat Analysis; Modeling, Simulation and Test; Virtual System Integration Lab (SIL) Development; and Studies and Analysis.

AFRL Threat Analysis encompasses the activities to support threat exploitation analysis of a variety of threats (both known and emerging) against the current LAIRCM jam code with the intent of determining if jam code updates are required. Typical threat analysis activities include: threat seeker characterization; model development for advanced threat IR seekers; development and testing of new infrared countermeasures concepts, techniques, and hardware; new technology assessment for potential incorporation into the LAIRCM system, and the evaluation/exploitation of new threats and threat characteristics relative to infrared countermeasures (IRCM). In FY26 these efforts will focus on Hostile Fire Indicator/Laser Warning (HFI/LW) Capability and the development of a longer range sensor technology. This new sensor capability will support improved threat detection and tracking as well as implement improvements to our ability to degrade, deceive, disrupt, or destroy incoming threats.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025				
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)	Project (Number/Name) 674942 / Large Aircraft Infrared Counter Measures (LAIRCM)					
Modeling, Simulation, and Test activities verify and validate the information obtained from the threat analysis activities. These activities include evaluation of Infrared Countermeasure (IRCM) techniques used in defeating real threat hardware; developing and evaluating jam code; validating and verifying integration of LAIRCM system components to newly developed jam codes, software and/or hardware; evaluating system effectiveness; performing platform integration support tests; hardware and software upgrades required to accredit test facility; and conducting predictive risk reduction tests prior to Live Missile Fire Test (LMFT) or on-aircraft flight testing. Virtual SIL Development includes but not limited to incrementally design, develop, integrate, and test software code and purchase associated infrastructure (i.e., computers, servers, commercial off-the-shelf (COTS) software, etc.) necessary to develop and implement a virtual SIL providing a critical capability for testing the LAIRCM system to ensure continued effectiveness against current and emerging threats. Studies and Analysis include but not limited to logistics, programmatic, and engineering studies and analysis activities to ensure continued system viability and sustainability and compliance with acquisition directives. These activities may include the evaluation of low cost/high payback opportunities to reduce software development/implementation cost, enhance production efficiency, and improve life cycle costs through increased reliability and reduced repair and return cost. System improvements used to support additional studies and analysis needed for continued LAIRCM Improvements. Capability updates consist of hardware/software updates including required validation/verification testing needed to counter new/improved threats to US aircraft and Warfighters while ensuring system performance across all flight envelopes. Program support cost efforts consist of, but are not limited to, contract services and government costs. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.							
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: LAIRCM AFRL Threat Analysis			3.634	6.251	35.723	0.000	35.723
Description: Encompasses activities to support threat exploitation analysis and updates against a variety of threats for the current LAIRCM jam code with the intent of determining if jam code updates are required.							
FY 2025 Plans: Continuation of threat analysis, test support, and system effectiveness efforts with Air Force Research Laboratory (AFRL), scene generation for the digital system model, and a HFI/LW risk reduction study.							
FY 2026 Base Plans:							

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)		Project (Number/Name) 674942 / Large Aircraft Infrared Counter Measures (LAIRCM)		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Threat Analysis activities to include threat exploitation, JAM code updates, develop new Hostile Fire Indication/Laser Warning (HFI/LW) Capability, and start Long Range Sensor Development upgrade. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to ramp up of activities to support the HFI Joint Requirement capability and start Long Range Sensor Development.						
Title: LAIRCM Modeling, Simulation, and Test Description: Activities that verify and validate the information obtained from threat analysis activities. FY 2025 Plans: Continuation of Modeling, Simulation, and Test analysis efforts. FY 2026 Base Plans: Continued Modeling, Simulation and Test analysis activities to include threat analysis validation. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased to support modeling and simulation; intelligence analysis; verification, validation and accreditation; and testing activities to integrate recently developed capability including HFI/LW capability.		0.275	1.517	4.210	0.000	4.210
Title: Capability Upgrade Description: Hardware, software, and integration of updates of new capabilities that require validation/verification tested needed to counter new threats to US aircraft while ensuring system performance across all flight envelopes. FY 2025 Plans: N/A FY 2026 Base Plans:		0.000	0.000	1.500	0.000	1.500

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force								Date: June 2025				
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)				Project (Number/Name) 674942 / Large Aircraft Infrared Counter Measures (LAIRCM)				
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Capability Upgrade efforts to support Hostile Fire Indicator/Laser Warning (HFI/LW) Joint Requirement and HFI/LW Risk Reduction Study.												
FY 2026 OOC Plans: N/A												
FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to initial ramp up of verification and validation testing activities.												
Accomplishments/Planned Programs Subtotals								3.909	7.768	41.433	0.000	41.433
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	
• APAF 05 Line Item LAIRCM: Large Aircraft Infrared Countermeasures	26.068	52.117	35.165	-	35.165	-	-	-	-	-	-	
Remarks												
D. Acquisition Strategy												
Efforts awarded on an annual basis, exercising existing contract options, funding government led threat analysis, and system effectiveness studies. The LAIRCM program office partners with the Air Force Research Laboratory (AFRL), the 46th Test Squadron, and the Guided Weapon Evaluation Facility (GWEF) to conduct threat analysis research and Modeling, Simulation, and Test. AFRL provides hardware-in-the-loop developmental test simulation capability on a level-of-effort (LOE) basis. The current LAIRCM Annual Lot Buy contract may be used to award multiple various study efforts, and AFLCMC/HB has additional open contracts that enable rapid award of new efforts.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)						Project (Number/Name) 674942 / Large Aircraft Infrared Counter Measures (LAIRCM)			
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
LAIRCM Capability Upgrade	Various	NGC/AFRL : Rolling Meadows, IL	-	-		-		1.500	Jan 2026	-		1.500	-	-	-
Subtotal			-	-		-		1.500		-		1.500	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
LAIRCM ETA Modeling, Simulation, and Test	PO	GWEF : Eglin AFB, FL	-	0.275	Nov 2023	1.517	Nov 2024	4.210	Dec 2025	-		4.210	-	-	-
LAIRCM ETA AFRL Threat Analysis	Various	AFRL/RYP-DIME-ITWL : WPAFB, OH	-	3.582	Feb 2024	6.251	Dec 2024	27.203	Dec 2025	-		27.203	-	-	-
LAIRCM ETA Threat Analysis (NVIS Testing NG)	SS/TBD	NGC : Rolling Meadows, IL	-	0.052	May 2024	-		-		-		-	-	-	-
LAIRCM Hostile Fire Indication/Laser Warning (HFI/LW)	Various	NGC : Rolling Meadows, IL	-	-		-		8.520	Mar 2026	-		8.520	-	-	-
Subtotal			-	3.909		7.768		39.933		-		39.933	-	-	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			-	3.909		7.768		41.433		-		41.433	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)					674942 / Large Aircraft Infrared Counter Measures (LAIRCM)			

	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
AFRL Threat Analysis																												
LAIRCM																												
Modeling, Simulation, and Test																												
LAIRCM																												
LAIRCM Long Range Detect (ARTEMIS)																												
LAIRCM																												
LAIRCM Capability Upgrade																												
LAIRCM																												
LAIRCM Hostile Fire Indication/Laser Warning																												
LAIRCM																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)	Project (Number/Name) 674942 / Large Aircraft Infrared Counter Measures (LAIRCM)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
AFRL Threat Analysis				
LAIRCM	1	2024	4	2030
Modeling, Simulation, and Test				
LAIRCM	1	2024	4	2030
LAIRCM Long Range Detect (ARTEMIS)				
LAIRCM	2	2026	4	2029
LAIRCM Capability Upgrade				
LAIRCM	1	2026	4	2030
LAIRCM Hostile Fire Indication/Laser Warning				
LAIRCM	2	2026	2	2029

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)				Project (Number/Name) 67A037 / Latent Capability 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
67A037: Latent Capability Development	0.000	0.000	0.000	1.695	0.000	1.695	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note This program, BA 7, PE 0401134F, project 67A037, Latent Capability Development, is a new start.												
A. Mission Description and Budget Item Justification The Large Aircraft Infrared Countermeasures (LAIRCM) system is an evolutionary acquisition program that provides significantly improved defensive systems capability for DoD aircraft to counter the man-portable air-defense systems (MANPADS) missile threat. The system is currently installed on 54 aircraft types and over 1200 aircraft. The current LAIRCM system configuration consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles. The number of sensors and transmitter assemblies per aircraft is determined by the size and signature of the aircraft. The system is fully autonomous following system power-up. LAIRCM requirements are documented in the multi-command Operational Requirements Document (ORD) LAIRCM ORD 314-92, validated on 03 Aug 1998. Latent Capability Development (LCD) updates the LAIRCM system to defend against unique threats. This funding will provide a programmatic support to update the system, to include hardware, software, and firmware, to enable the system's ability to detect and defeat a distinct category of threats and update to the latest threat models. Development begins at the AFRL Dynamic Infrared Missile Evaluator (DIME) Lab before transitioning to Northrop Grumman Corporation (NGC) for inclusion into the LAIRCM software baseline. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Title: Latent Capability Development							0.000	0.000	1.695	0.000	1.695	

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)		Project (Number/Name) 67A037 / Latent Capability Development		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Latent Capability Development (LCD) activates a previously prototyped capability of the LAIRCM system to defend against unique threats. This funding will provide a programmatic support to update the system, to include hardware, software, and firmware, to enable the system's ability to detect and defeat a distinct category of threats and update to the latest threat models. FY 2025 Plans: N/A FY 2026 Base Plans: Planning latent capability development activities to include but not limited to study integration solution and form, fit, function, and interface changes to improve capability, and validation activities and development efforts with AFRL/Dynamic Infrared Missile Evaluator (DIME) Lab for inclusion into the LAIRCM software baseline. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to ramp up of capability development activities.						
Accomplishments/Planned Programs Subtotals		0.000	0.000	1.695	0.000	1.695
C. Other Program Funding Summary (\$ in Millions) N/A						
Remarks						
D. Acquisition Strategy Latent Capability Development and validation efforts are awarded on an annual basis, exercising contract options, funding government led threat analysis, and system effectiveness studies. The initial work will be with AFRL/Dynamic Infrared Missile Evaluator (DIME) Lab and transition to Northrop Grumman Corporation (NGC) for inclusion into the LAIRCM software baseline on the existing LAIRCM contract.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)						Project (Number/Name) 67A037 / Latent Capability Development			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Latent Capability Development and Validation	Various	AFRL/NGC: Rolling Meadows : Rolling Meadows, IL	-	-		-		1.695	Mar 2026	-		1.695	-	-	-
Subtotal			-	-		-		1.695		-		1.695	-	-	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			-	-		-		1.695		-		1.695	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)		Project (Number/Name) 67A037 / Latent Capability Development	

	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
Latent Capability Development																												
LADS																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)	Project (Number/Name) 67A037 / Latent Capability Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Latent Capability Development				
LADS	2	2026	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)				Project (Number/Name) 67A038 / Active Defense Sensor			
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
67A038: Active Defense Sensor	0.000	0.000	0.000	9.800	0.000	9.800	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note This program, BA 7, PE 0401134F, project 67A038, Active Defense Sensor, is a new start.												
A. Mission Description and Budget Item Justification The Large Aircraft Infrared Countermeasures (LAIRCM) system is an evolutionary acquisition program that provides significantly improved defensive systems capability for DoD aircraft to counter the man-portable air-defense systems (MANPADS) missile threat. The system is currently installed on 54 aircraft types and over 1,200 aircraft. The current LAIRCM system configuration consists of missile warning sensors (MWS), a laser transmitter assembly, control interface unit and processors to detect, track, jam and counter incoming missiles. The number of sensors and transmitter assemblies per aircraft is determined by the size and signature of the aircraft. The system is fully autonomous following system power-up. LAIRCM requirements are documented in the multi-command Operational Requirements Document (ORD) LAIRCM ORD 314-92, validated on 03 Aug 1998. The Active Defense Sensor (ADS) will provide sensing and cueing of threats, which is anticipated to employ a version of a long-range Radio Frequency (RF) defense sensor to provide long range sensing and cueing of threats. ADS will enhance existing High Value Airborne Asset survivability to detect and employ new tactics against an expanded category of threats. Anticipated efforts include, but are not limited to hardware and software upgrade, development, and integration; prototyping; testing of the sensor as it integrates into a modular system of systems approach to maintain defensive capability against new and emerging threats. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Title: Active Defense Sensor							0.000	0.000	9.800	0.000	9.800	

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401134F / <i>Large Aircraft IR Countermeasures (LAIRCM)</i>		Project (Number/Name) 67A038 / <i>Active Defense Sensor</i>		
B. Accomplishments/Planned Programs (\$ in Millions)						
		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Advance Defense Sensor (ADS) long range Radio Frequency (RF) defense sensor will provide long range sensing and cueing of threats for increased situational awareness and update threat models to account for new category of threats. FY 2025 Plans: N/A FY 2026 Base Plans: ADS initial efforts to include, but are not limited to hardware and software upgrade, development, and integration; introducing modular system of systems standards and approaches; prototyping; and threat modeling. FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due ramp up of initial activities for Active Defense Sensor effort.						
Accomplishments/Planned Programs Subtotals		0.000	0.000	9.800	0.000	9.800
C. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
D. Acquisition Strategy						
The Air Force anticipates initial work starting with the AFRL through the Dynamic Infrared Missile Evaluator (DIME) Lab before proceeding to a competitive effort.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)						Project (Number/Name) 67A038 / Active Defense Sensor			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Active Defense Sensors (ADS)	Various	AFRL/RYF/NGC : WPAFB, OH	-	-		-		9.800	Jan 2026	-		9.800	-	-	-
Subtotal			-	-		-		9.800		-		9.800	-	-	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			-	-		-		9.800		-		9.800	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)		Project (Number/Name) 67A038 / Active Defense Sensor	

	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
Active Defense Sensor (ADS)																												
ADS																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401134F / Large Aircraft IR Countermeasures (LAIRCM)	Project (Number/Name) 67A038 / Active Defense Sensor

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Active Defense Sensor (ADS)				
ADS	2	2026	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0401218F / KC-135s

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	0.000	71.854	9.899	0.000	0.000	0.000	-	-	-	-	-	-
675261: <i>KC-135 Upgrades</i>	0.000	71.854	9.899	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The C/KC-135 is the only fully operational tanker in the Air Force inventory and also the oldest fleet by average age. In FY 2024, USAF C/KC-135s offloaded 70,727,162 gallons of fuel to refuel 36,515 aircraft (9% increase from FY 2023) in support of global operations. As a cargo aircraft, the C/KC-135 can carry six (6) standard 463-L pallets. RDT&E efforts include but are not limited to Mobile User Objective System, COMM2 Crypto & Data, High Frequency Modernization, and Center Console Refresh. Modernization funding is necessary to ensure the C/KC-135 fleet continues to support global aerial refueling operations through 2050 and beyond

Mobile User Objective System (MUOS) integration and test for MUOS-capable radios on Block 45 aircraft in the COMM 3 position with Beyond Line-of-Sight (BLOS) Integrated Waveform (IW) and LOS SATURN capability with HAVE QUICK II backward compatibility. The C/KC-135 fleet must comply with the National Security Agency (NSA) mandate or will lose secure communications, which significantly degrades its ability to support worldwide operations. The ARC-210 Gen 3 radios have Diminishing Manufacturing Sources and Material Shortages (DMSMS) and will become obsolete on the CEASEKEY date. Requirements include AMC's 10-050 Crypto, 15-046 MUOS, 16-053 SATURN, and 17-039 IW. This modification is part to the USAF Radio and Crypto Modernization Plan (RCMP) for crypto modernization as directed by CSAF in Nov 2022 and DoD Chief Information Officer (CIO) in 2016.

Center Console Refresh (CCR) replaces the Flight Display System (FDS) and Fuel System (FS) that is facing parts obsolescence issues and will render the aircraft non mission capable. The Integrated Fuel Management Panel (IFMP) and Fuel Management Advisory Computer (FMAC) are no longer procurable with limited repair capability. The Multi-Function Displays (MFD) are out of production with a limited cache of Liquid Crystal Display (LCD) glass. The A11 card within the Control Display Unit (CDU) is obsolete and no repair capability exists at this time. Current organizational maintenance cannibalization efforts and repair contracts have extended the service life and reduced fleet impacts from original projections.

High Frequency (HF) Modernization includes integration and test to replace legacy HF radio with a modernized HF radio on C/KC-135 aircraft. A modernized HF communications capability is necessary to enable future sustainability and growth to operate in satellite communications (SATCOM) denied environment while maintaining global, secure voice and data between Mobility Air Forces (MAF) aircraft and command and control (C2) agencies to exchange classified information and require AMC 18-100 Modernized HF. This modification is part of the USAF RCMP for crypto modernization as directed by CSAF in Nov 2022 and DoD CIO in 2016.

COMM2 Crypto and Data: Replaces the legacy Airborne Radio Communications (ARC)-210 Generation (Gen) 3 and Very High Frequency (VHF) Data Link (VDL)-2000 systems in the Communications (COMM) 2 position. The ARC-210 Gen 3 is replaced with the ARC-210 Gen 6, providing modern cryptographic Line-of-Sight (LoS) secure voice, Second Generation Anti-jam Tactical UHF Radio for NATO (SATURN) capability, and HAVE QUICK II backward compatibility through 2040. The VDL-2000 is replaced with the VHF-4000(E), enhancing COMM 2 civil data links. After the ARC-210 Gen 3's Cryptographic Equipment Authorized for Secure Keying

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0401218F I KC-135s	
(CEASEKEY) date, continued use risks mission degradation due to unsecure voice/data communications, loss of anti-jam capabilities, and limited legacy radio maintenance support. This will jeopardize critical air refueling and communication support for global operations. MAF connectivity enables tankers to connect to the Joint fight to close kill chains and logistics chains. Possible capabilities include, but are not limited to, intelligent gateways, antennas, radios, software updates, crew displays, and multiple aperture array housings. Hybrid SATCOM capability for airborne platforms relies on the employment of multi-band, multi-orbit SATCOM terminals to switch between both Government and Commercial satellites. Hybrid SATCOM terminals will provide airborne platforms with secure tactical communications by offering switching between five to ten distinct constellations. This flexibility of connectivity provides a high resiliency against anti-SATCOM threats, including jamming. The ability to selectively move between different satellite constellations (LEO/MEO/GEO) leverages the strengths of each constellation while the ability to switch between constellations within the Ku and Ka bands offers security of communications. The WXR-701 system, a Rockwell Collins product, is experiencing insurmountable Diminishing Manufacturing Source and Material Shortages (DMSMS). Rockwell Collins has provided a discontinuing of repair letter to the supply chain regarding the WXR-701. The purpose of this 1067 is to identify a Commercial Off the Shelf (COTS) solution for replacement of the WXR-701 Color Weather Radar. Encompasses C/KC-135 Operational System Development, continued support for activities including but not limited to Survivability, Innovation, and support for demonstrations, operational assessments, exercises, test and evaluation, and airworthiness to quantify the effectiveness of temporary and permanent solutions. The FY 2026 request for KC-135 program includes \$0.000 thousand of discretionary and \$43,000 thousand of mandatory (reconciliation) for a total of \$43,000 thousand. The mandatory funds Center Console Refresh (CCR), Hybrid SATCOM, Color Weather Radar and MAF connectivity efforts. Further information for this reconciliation request is provided in Section 20007 (Air Superiority) of the Reconciliation Exhibit. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024, \$1.482 million was expended for civilian pay expenses in this program element, and in FY 2025, \$1.655 million is forecast for civilian pay expenses in this program element. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity		R-1 Program Element (Number/Name)					
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0401218F I KC-135s					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget	51.105	31.977	49.847	0.000	49.847		
Current President's Budget	71.854	9.899	0.000	0.000	0.000		
Total Adjustments	20.749	-22.078	-49.847	0.000	-49.847		
• Congressional General Reductions	0.000	0.000					
• Congressional Directed Reductions	0.000	-22.078					
• Congressional Rescissions	-12.618	0.000					
• Congressional Adds	34.100	0.000					
• Congressional Directed Transfers	0.000	0.000					
• Reprogrammings	0.000	0.000					
• SBIR/STTR Transfer	-0.733	0.000					
• Other Adjustments	0.000	0.000	-49.847	0.000	-49.847		
<u>Congressional Add Details (\$ in Millions, and Includes General Reductions)</u>				FY 2024	FY 2025		
Project: 675261: KC-135 Upgrades							
Congressional Add: KC-135 Upgrade for Multi-Sensor				14.725	0.000		
Congressional Add: Intelligent Gateway				19.100	0.000		
Congressional Add Subtotals for Project: 675261				33.825	0.000		
Congressional Add Totals for all Projects				33.825	0.000		
<u>Change Summary Explanation</u>							
FY 2024 funding request increased by \$20.749 million due to Congressional Directed Reductions of \$12.618 million for COMM2 crypto delay (\$1.771 million), HFM early to need (\$1.415 million), and Winglets early to need (\$4.250 million) and Congressional adds for \$34.100 million.							
FY 2025 funding request overall net decrease by \$22.078 million due to Congressional Directed Reduction for \$15.000 million for program decrease and \$7.078 million for schedule delay.							
FY 2026 funding request was decreased by \$49.847 million for Project 675361, KC-135 Upgrades and will be appropriately offset by funding sourced from the Reconciliation Bill (H.R.1) upon enactment.							
<u>C. Accomplishments/Planned Programs (\$ in Millions)</u>			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: KC-135 MUOS radio			11.933	0.000	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401218F I KC-135s				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: The KC-135 COMM 3 position requires an upgraded radio with MUOS (Mobile User Objective System), IW (Integrated Waveform), SATURN (Second-generation Anti-jam Tactical UHF Radio for NATO) capabilities and BLOS and LOS secure voice and data connectivity. This upgrade derives from an NSA cryptographic modernization mandate and DoD MUOS/SATURN transition directive. The KC-135 MUOS radio program replaces the existing ARC-210 Gen 3 radio with a cryptographic modernized, MUOS-capable, ARC-210 Gen 6 radio. Integration of this new radio requires remote control unit, high power amplifier, low noise amplifier, SATCOM antenna, software and associated wiring and hardware. FY 2025 Plans: Type-1 training, DT/OT, and final software release. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A						
Title: KC-135 Winglets Description: Program was terminated to support Administration priorities during Fiscal Year 2026 President's Budget Request. FY 2025 Plans: N/A FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: N/A		6.247	0.000	0.000	0.000	0.000
Title: Center Console Refresh		1.482	3.714	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401218F I KC-135s				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Description: Center Console Refresh (CCR) replaces the Flight Display System (FDS) and Fuel System (FS) that is facing parts obsolescence issues and will render the aircraft non mission capable. The Integrated Fuel Management Panel (IFMP) and Fuel Management Advisory Computer (FMAC) are no longer procurable with limited repair capability. The Multi-Function Displays (MFD) are out of production with a limited cache of Liquid Crystal Display (LCD) glass. The A11 card within the Control Display Unit (CDU) is obsolete and no repair capability exists at this time. Current organizational maintenance cannibalization efforts and repair contracts have extended the service life and reduced fleet impacts from original projections. FY 2025 Plans: Program Office conducting market research, Delta Early Strategy and Issues Session, Delta Acquisition Strategy Panel, requirements review and update, updating solicitation documents, and release for proposal in 4QFY25. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding request decreased for this effort and will be appropriately offset by funding sourced from the Reconciliation Bill (H.R. 1) upon enactment.						
Title: High Frequency Modernization Description: This modification replaces the legacy HF radio with a modernized HF radio on KC-135 aircraft to operate in a SATCOM-denied environment while maintaining global, secure voice/data between Mobility Air Forces' aircraft and command and control (C2) agencies to exchange classified information. This complies with DoD directive to modernize HF capability. This form fit radio replaces the current ARC-190 radio with the new ARC-260 radio. FY 2025 Plans: N/A FY 2026 Base Plans: N/A FY 2026 OOC Plans:		0.021	0.000	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401218F / KC-135s				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
N/A						
FY 2025 to FY 2026 Increase/Decrease Statement: N/A						
Title: COMM2 Crypto and Data Program Description: Replaces the legacy Airborne Radio Communications (ARC)-210 Generation (Gen) 3 and Very High Frequency (VHF) Data Link (VDL)-2000 systems in the Communications (COMM) 2 position. The ARC-210 Gen 3 is replaced with the ARC-210 Gen 6, providing modern cryptographic Line-of-Sight (LoS) secure voice, Second Generation Anti-jam Tactical UHF Radio for NATO (SATURN) capability, and HAVE QUICK II backward compatibility through 2040. The VDL-2000 is replaced with the VHF-4000(E), enhancing COMM 2 civil data links. After the ARC-210 Gen 3's Cryptographic Equipment Authorized for Secure Keying (CEASEKEY) date, continued use risks mission degradation due to unsecure voice/data communications, loss of anti-jam capabilities, and limited legacy radio maintenance support. This will jeopardize critical air refueling and communication support for global operations. FY 2025 Plans: EMD activities (CDR, DT/OT, and software release). FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding request decreased due to anticipated completion of EMD and transition to procurement.		7.358	6.184	0.000	0.000	0.000
Title: MAF Connectivity Description: Capabilities using the KC-135 to develop MAF Connectivity path forward as the tanker needs to be able to connect to the Joint fight to close kill chains and logistics chains. Possible capabilities include, but are not limited to, intelligent gateways, antennas, radios, software updates, crew displays, and multiple aperture array housings. Lays foundational baseline. FY 2025 Plans:		10.988	0.001	0.000	0.000	0.000

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force								Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development				R-1 Program Element (Number/Name) PE 0401218F I KC-135s							
C. Accomplishments/Planned Programs (\$ in Millions)						FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Complete initial prototype activities.											
FY 2026 Base Plans: N/A											
FY 2026 OOC Plans: N/A											
FY 2025 to FY 2026 Increase/Decrease Statement: Funding request decreased for this effort and will be appropriately offset by funding sourced from the Reconciliation Bill (H.R. 1) upon enactment.											
Accomplishments/Planned Programs Subtotals						38.029	9.899	0.000	0.000	0.000	
						FY 2024	FY 2025				
Congressional Add: KC-135 Upgrade for Multi-Sensor						14.725	0.000				
FY 2024 Accomplishments: Pending security classification.											
FY 2025 Plans: N/A											
Congressional Add: Intelligent Gateway						19.100	0.000				
FY 2024 Accomplishments: Intelligent Gateway (IG) and MAF Connectivity are synonymous for KC-135. KC-135 program received Congressional Adds in FY 2023 and FY 2024 to explore advanced intelligent gateways. Program office worked with Air Mobility Command and SAF/AQQ to establish three lines of effort (LOE) to execute the program titled as Mobility Air Force (MAF) Connectivity.											
FY 2025 Plans: N/A											
Congressional Adds Subtotals						33.825	0.000				
D. 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
• APAF 05 C13500: C-135	117.591	111.647	124.368	0.000	124.368	-	-	-	-	-	-
• APAF 06 C13500: Initial Spares	2.591	3.219	4.839	0.000	4.839	-	-	-	-	-	-
• APAF 07 000071: Aircraft Replacement Support Equip	12.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0401218F / KC-135s						
D. 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											
E. Acquisition Strategy											
C/KC-135 MUOS acquisition strategy addresses cryptographic modernization mandates and DoD directives by executing a 39-month Sole Source, Cost Plus Fixed Fee EMD contract followed by a three-year production and installation effort.											
C/KC-135 MUOS Radio Major Events/ Milestone: Prototype install on Aircraft Number 1 April 15th, 2025 - April 25th, 2025, Prototype install on Aircraft Number 2 April 26th, 2025 - May 3rd, 2025, Combined DT/OT Effort May 3rd, 2025 - May 31st, 2025, Black Label Release June 30th, 2025, Milestone C September 30th, 2025, Installation Q2 of FY 2026 - Q1 of FY 2029. Current as of 24 April 2025.											
Center Console Refresh (CCR) Major Events/Milestones: Contract award Q4 of FY 2026; Preliminary Design Review 2QFY27; Critical Design Review Q3 of FY 2027.											
High Frequency Modernization Major events: ESIS completed Q2 of FY 2024; DT completed Q3 of FY2 2024; DT/OT coming Q3 of FY 2025; Product CCB Q1 of FY 2026; MS-C Q2 of FY 2026.											
COMM2 Crypto & Data acquisition strategy addresses crypto modernization mandates and DoD directives by executing a 23-month Sole Source, Cost Plus Fixed Fee EMD contract followed by a 15-month production and installation effort. - Integration & Test timeline: 23 Apr 2025 to 23 Mar 2027, PDR: Q4 of FY 2025, CDR: Q4 of FY 2025, Development Test & Evaluation: Q1 of FY 2026, Operational Test & Evaluation: Q2 of FY 2026, Black Label Release: Q3 of FY 2027, Milestone C: Q4 FY 2027, Installations: Q4 of FY 2027 to Q4 of FY 2028, Operations & Sustainment: Q1 of FY 2029.											
MAF Connectivity: MAF Connectivity research to use internet connectivity. ASP approved on 30 Oct 2024, planned award Q3 of FY 2025.											
Multi Sensor: Acquisition Strategy includes selection of passive EO/IR sensor, prototype associated hardware/software, evaluate integration. EN task for HW evaluation SW test interface development, awarded 18 Feb 2025; 15-Month evaluation/integration effort, awarded 21 Apr 2025.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401218F / KC-135s				Project (Number/Name) 675261 / KC-135 Upgrades					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MUOS Radios Product Development (Integration)	SS/CPFF	Collins Aerospace : Cedar Rapids, IA	-	6.570	Aug 2024	-		-		-		-	-	-	-
COMM 2 Crypto and Data Radio Product Development (Integration & Test)	SS/CPFF	Collins Aerospace : Cedar Rapids, IA	-	7.350	Apr 2025	5.258	May 2025	-		-		-	-	-	-
Center Console Refresh Product Development	C/Various	Not specified. : TBD	-	0.000	Jun 2025	0.000	Mar 2026	-		-		-	-	-	-
Winglets Development	C/CPAF	Not specified. : TBD	-	5.207	Mar 2024	-		-		-		-	-	-	-
MAF Connectivity	C/FFP	Not specified. : TBD	-	30.088	May 2025	0.001	May 2025	-		-		-	-	-	-
Multi Sensor Development	TBD	Not specified. : TBD	-	13.125	Aug 2024	-		-		-		-	-	-	-
Subtotal			-	62.340		5.259		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MUOS Support	Various	Not specified. : TBD	-	0.027	May 2024	-		-		-		-	-	-	-
HFM (Travel)	Various	Not specified. : TBD	-	0.021	Jul 2024	-		-		-		-	-	-	-
COMM2 (Travel+Shipping)	Various	Not specified. : TBD	-	0.008	Jul 2024	-		-		-		-	-	-	-
Winglets Support	Various	Not specified. : TBD	-	0.040	Mar 2024	-		-		-		-	-	-	-
Multi Sensor	Various	Not specified. : TBD	-	0.050	Jan 2024	-		-		-		-	-	-	-
Subtotal			-	0.146		-		-		-		-	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Winglets Flight Test and Certification	TBD	Not specified. : TBD	-	1.000	Aug 2024	-		-		-		-	-	-	-
Multi Sensor Test	C/CPAF	Not specified. : TBD	-	0.500	Aug 2024	-		-		-		-	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401218F / KC-135s				Project (Number/Name) 675261 / KC-135 Upgrades					
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	1.500		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CCR Dir Cite Auth Civ Pay	Various	System Program Office : Tinker AFB, OK	-	1.482	Oct 2023	1.655	Oct 2024	-		-		-	-	-	-
CCR PSC	Various	System Program Office : Tinker AFB, OK	-	0.000	Feb 2024	2.059	Feb 2025	-		-		-	-	-	-
CCR OGC	Various	System Program Office : Tinker AFB, OK	-	0.000		-		-		-		-	-	-	-
MUOS (PSC)	Various	Not specified. : TBD	-	5.213	Jul 2024	-		-		-		-	-	-	-
MUOS OGC	Various	Not specified. : TBD	-	0.123	Apr 2024	-		-		-		-	-	-	-
COMM2 CRYPTO OGC & PSC	Various	Not specified. : TBD	-	-		0.926	May 2025	-		-		-	-	-	-
Multi Sensor (PSC)	Various	Not specified. : TBD	-	1.050	Jan 2024	-		-		-		-	-	-	-
Subtotal			-	7.868		4.640		-		-		-	-	-	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			-	71.854		9.899		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0401218F / KC-135s					675261 / KC-135 Upgrades			

	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
KC-135 MUOS Radio																												
EMD, Test, and MS C																												
COMM 2 Crypto and Data																												
Contract award, EMD and Test																												
Center Console Refresh (CCR)																												
Contract award, EMD and Test																												
MAF Connectivity																												
Contract award, Integration/Test/Research																												
Multi Sensor																												
Contract award, Integration/Test/Research																												
Hybrid SATCOM																												
Contract award, Integration/Test/Research																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401218F / KC-135s	Project (Number/Name) 675261 / KC-135 Upgrades	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
KC-135 MUOS Radio				
EMD, Test, and MS C	1	2024	3	2025
COMM 2 Crypto and Data				
Contract award, EMD and Test	3	2025	2	2027
Center Console Refresh (CCR)				
Contract award, EMD and Test	4	2026	3	2029
MAF Connectivity				
Contract award, Integration/Test/Research	3	2025	3	2026
Multi Sensor				
Contract award, Integration/Test/Research	4	2024	4	2025
Hybrid SATCOM				
Contract award, Integration/Test/Research	2	2026	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0401318F I CV-22							
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	187.467	16.581	26.249	0.653	0.000	0.653	-	-	-	-	-	-
676033: CV-22 RDT&E POST PRODUCTION	187.467	16.581	26.249	0.653	0.000	0.653	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Program MDAP/MAIS Code: 212 Project MDAP/MAIS Code(s): N42												
A. Mission Description and Budget Item Justification												
The CV-22 is the Air Force Special Operations Forces (SOF) variant of the joint multi-mission V-22 tilt rotor aircraft. The CV-22 provides long-range, high-speed infiltration, exfiltration, personnel recovery, and resupply to Special Forces teams in hostile, denied, and politically sensitive areas. The Navy is the lead service for the Joint V-22 program. The Joint Program Manager is responsible for managing all variants of the V-22. Department of the Navy (DoN) funds the development of the MV-22 and CMV-22. The Air Force funds the service common portion of the CV-22 while United States Special Operations Command (USSOCOM) funds the development and procurement of SOF peculiar systems. CV-22 RDT&E funding provides for the development, integration, and testing of service-common, mission critical aircraft modifications to improve operational effectiveness, platform survivability, and aircraft availability.												
Airframe Enhancements: RDT&E funds the design, development, and testing of improvements to airframe structures, aircraft electro-mechanical and hydraulic hardware, and dynamic components to counteract the effects of structural fatigue and improve the durability and readiness of V-22 aircraft. Refinement of aircraft system's components to improve longevity and/or maintainability while protecting their performance are meant to allow continued CV-22 operation as the aircraft ages.												
Enhanced Self-Deployment: RDT&E funding provides for the design, development, and testing of aircraft modifications to improve aircraft self-deployment capabilities (e.g. operating range, global response time) to mitigate emerging threats to the aircraft and mission accomplishment, and to identify and assess emerging air vehicle, propulsion system, avionics architecture, electronic warfare, situational awareness, and other weapon system solutions to meet CV-22 Block 20 operational requirements.												
CV-22 funding also supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs.												
This funding may include emerging requirements to support Program Support Costs (PSC), Advisory and Assistant Service (A&AS), system integration lab, trainers, equipment and other government costs.												

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0401318F I CV-22				
The FY 2026 request for CV-22 includes \$653 thousand of discretionary and \$30,857 thousand of mandatory (reconciliation) for a total of \$31,510 thousand. The mandatory funds both airframe enhancements and enhanced self-deployment efforts. Further information for this reconciliation request is provided in Section 20007 (Air Superiority) of the Reconciliation Exhibit.						
The FY 2026 request was reduced by \$0.655 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."						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024, \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		18.127	26.249	30.865	0.000	30.865
Current President's Budget		16.581	26.249	0.653	0.000	0.653
Total Adjustments		-1.546	0.000	-30.212	0.000	-30.212
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-1.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.546	0.000			
• Other Adjustments		0.000	0.000	-30.212	0.000	-30.212
Change Summary Explanation						
FY 2024 funding request was reduced by \$1.546 million due to Congressional Directed Reduction for Core Avionics carryover (\$1.000 million) and Small Business Innovation Research (SBIR) program.						
FY 2026 funding request was decreased by \$30.212 million for Project 676033, CV-22 RDT&E Post Production and will be appropriately offset by funding from the Reconciliation Bill (H.R.1) upon enactment.						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0401318F / CV-22		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Airframe Enhancement		4.551	11.444	0.653
Description: Airframe Enhancements funds the improvement of airframe structures, aircraft electro-mechanical hardware, and dynamic components to counteract the effects of structural fatigue and improve the durability and readiness of V-22 aircraft to include design, development, and testing of V-22 Nacelle components. This RDT&E funding provides for the design, development, and testing of redesign support or loadbearing airframe elements to provide structural reinforcement and improved longevity. Enhanced armor protective performance with reduced weight and space impacts are a possible area for development. Airframe Enhancement funds also provide for refinements of hydraulic, landing gear, or fuel system component to improve and protect their performance. Items such as pumps, lines, tanks/reservoirs/bladders and/or struts may receive enhancements to extend their life and improve their maintainability. Finally, Airframe Enhancements funds target exploring improvements to all V-22 dynamic components, from rotor blades and heads to gearboxes and flight control surfaces with the goals of protecting them from vibrational and frictional wear and enhancing their reliability and readiness. FY 2025 Plans: Planned Projects to include but not limited to Fuel Cell Obsolescence/Redesign. FY 2026 Plans: Planned projects include but are not limited to Proprotor Gearbox Reliability efforts. FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased for Airframe Enhancement and will be appropriately offset by funding sourced from the Reconciliation Bill (H.R. 1) upon enactment.				
Title: Enhanced Self-Deployment Capabilities		12.030	14.805	0.000
Description: Develops capabilities to enhance self-deployment, such as improved ice protection, engine performance, performance buyback, navigation, communications, and battle space awareness/networking capabilities/airborne mission networking (ABMN); situational awareness; electronic warfare; weapons systems; defensive avionics systems and architecture; weight reduction initiatives; modular avionics/cyber security implementation and other changes to the underlying aircraft systems necessary to enable these capabilities. FY 2025 Plans: Planned Projects include, but not limited to the following: Support for ABMN Systems, Flight Computer Redesigns, and Control Display Unit (CDU). FY 2026 Plans:				

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0401318F / CV-22	

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
N/A			
FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased for Enhanced Self-Deployment Capabilities and will be appropriately offset by funding sourced from the Reconciliation Bill (H.R. 1) upon enactment.			
Accomplishments/Planned Programs Subtotals	16.581	26.249	0.653

D. 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
• RDTE 07 PE 1160403BB: <i>Special Operations, Aviation Systems</i>	20.830	15.727	4.497	-	4.497	-	-	-	-	-	-
• PAAF 02 Line Item 1000CV2200: <i>Defense-Wide 0300D SOCOM</i>	75.981	49.403	19.719	-	19.719	-	-	-	-	-	-
• APAF 05 Line Item <i>V02200: CV-22 Mods</i>	153.006	42.795	78.713	-	78.713	-	-	-	-	-	-
• APAF 07 C0V220: <i>CV-22 Post Production Support</i>	0.000	12.025	0.000	-	0.000	-	-	-	-	-	-
• APAF 06 Line Item 000999: <i>CV-22 Initial Spares/Repair Parts</i>	3.989	3.738	1.975	-	1.975	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy The V-22 Joint Program Office - Naval Air Systems Command - NAVAIRSYSCOM, PMA-275 is developing new capabilities for the V-22 in block increments. Airframe Enhancements: Fuel Cell Obsolescence Redesign and Hard Clutch Engagement efforts will utilize a combination of sole source and competitive contracts. Enhanced Self-Deployment Capabilities: Flight Control System Redesign, V-22 Cockpit Technology Replacement will utilize a combination of sole source and competitive contracts. Development activities for the V-22 program to date have been primarily performed by the prime contractor, Bell-Boeing, on a sole-source basis. Bell-Boeing is a strategic partnership between Bell Helicopter and Boeing Integrated Defense Systems. Efforts are underway to continue increasing competition where feasible, depending primarily on the level of platform integration required and Government rights to technical data.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0401318F / CV-22				Project (Number/Name) 676033 / CV-22 RDT&E POST PRODUCTION					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
V-22 Airframe Enhancements	Various	Various : TBD	93.987	1.400	Mar 2024	8.255	Mar 2025	0.000	Mar 2026	-		0.000	-	-	-
CV-22 Osprey Enhanced Self-Deployment Capability	Various	Various : TBD	61.408	10.355	Jun 2024	10.679	Jun 2025	0.000	Jun 2026	-		0.000	-	-	-
Subtotal			155.395	11.755		18.934		0.000		-		0.000	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Osprey Engineering Technical Support and Studies	Various	Various : TBD	13.467	2.345	Mar 2024	2.574	Mar 2025	0.653	Mar 2026	-		0.653	-	-	-
Subtotal			13.467	2.345		2.574		0.653		-		0.653	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Osprey Test & Evaluation Technical Support	Various	Various : TBD	16.823	2.240	Dec 2023	2.500	Dec 2024	0.000	Dec 2025	-		0.000	-	-	-
Subtotal			16.823	2.240		2.500		0.000		-		0.000	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Osprey Program Support Costs	Various	Various : TBD	1.782	0.241	Dec 2023	2.241	Dec 2024	0.000	Dec 2025	-		0.000	-	-	-
Subtotal			1.782	0.241		2.241		0.000		-		0.000	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0401318F / CV-22					Project (Number/Name) 676033 / CV-22 RDT&E POST PRODUCTION				
		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		187.467	16.581		26.249		0.653		-		0.653	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0401318F / CV-22		Project (Number/Name) 676033 / CV-22 RDT&E POST PRODUCTION	

	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
Airframe Enhancement																												
Fuel Cell Obsolescence Redesign																												
Airframe Reliability and Obsolescence Replacement																												
Gearbox Vibration Monitoring - HCE - ODSSHI Cockpit Alert																												
Enhanced Self-Deployment																												
Flight Control System Re-design																												
Control Display Unit Keyboard Re-design																												
DAF Battle Network Connectivity																												
Cockpit Obsolescence Replacement																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0401318F / CV-22	Project (Number/Name) 676033 / CV-22 RDT&E POST PRODUCTION	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Airframe Enhancement				
Fuel Cell Obsolescence Redesign	1	2024	4	2027
Airframe Reliability and Obsolescence Replacement	1	2025	4	2030
Gearbox Vibration Monitoring - HCE - ODSSHI Cockpit Alert	1	2024	4	2029
Enhanced Self-Deployment				
Flight Control System Re-design	1	2024	4	2030
Control Display Unit Keyboard Re-design	1	2024	4	2025
DAF Battle Network Connectivity	1	2024	4	2030
Cockpit Obsolescence Replacement	1	2026	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0408011F I Special Tactics / Combat 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	0.000	7.711	9.421	0.000	0.000	0.000	-	-	-	-	-	-
675138: ST System Development	0.000	7.711	9.421	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Mission Description and Budget Item Justification

Special Tactics (ST) is a human-based weapon system, comprised of both human and equipment capabilities formulated to provide the Air Force and Joint Force with support across the following missions: Global Access, Precision Strike, and Personnel Recovery (PR); with additional focus on Electromagnetic Spectrum Operations (EMSO), Counter-Unmanned Aircraft Systems (UAS), and Ground-based Suppression of Enemy Air Defenses (SEAD). ST is employed by Air Force Special Operations Command (AFSOC) across three distinct operator specialties: Combat Control, Pararescue, and Special Reconnaissance. ST, along with the Guardian Angel and Tactical Air Control Party (TACP) weapon systems, collectively make up Air Force Special Warfare (AFSPECWAR), formerly known as Battlefield Airmen.

Special Warfare Acquisition, Growth and Refresh (SWAGR) is the program of record to develop, integrate, test, procure and field the latest technology and equipment across a wide range of capabilities to ensure AFSPECWAR ST operators can achieve the mission sets outlined above. Specifically, SWAGR delivers modernized capability in the areas of body-worn hardware/software, tactical communications, ground mobility, small UAS, visual augmentation, maritime, special reconnaissance, technical recovery, and assault zones.

Funding will provide for continued software development and modernization of the body-worn kit to enhance situational awareness, communication, information management, and airpower integration for ST operators in the battlespace. These enhancements will improve the ability recognize, identify, range, nominate, and designate targets during both day and night operations. Improvements will also significantly reduce the time required to find, track, fix targets, and engage the enemy by attacking adversary signals of interest, providing highly accurate target grid coordinates in three dimensions, generating target imagery both pre- and post-strike, and transmitting target data to Command and Control centers. Funding will also provide for the development and test of emerging technology, and the integration of the latest mature technology into the ST weapon system to conduct mission essential tasks such as improving support to Global Access (through Assault Zone operations and surveys), Precision Strike, PR, Counter-Space, Counter-UAS Operations, Ground-based SEAD, EMSO (to include awareness/defensive/offensive capabilities), and any other ST capability needs. Funding will also support innovation activities to include industry technology demonstrations, prototypes, studies, analyses, engineering support, and requirements definition to accelerate technology transition into future acquisition programs. Due to the rapidly changing threat environment, the acquisition program manager has the authority to redirect funding as necessary to meet current slated and emerging requirements.

FY26 funding (\$9.622M) for BA 07 0408011F was transferred to BA 07 Project 0207457F.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force / BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0408011F / Special Tactics / Combat Control				
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 1.320M was expended for civilian pay expenses in this program element, and in FY 2025 1.488M is forecast for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		9.198	9.421	9.655	0.000	9.655
Current President's Budget		7.711	9.421	0.000	0.000	0.000
Total Adjustments		-1.487	0.000	-9.655	0.000	-9.655
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		-1.221	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.234	0.000			
• Other Adjustments		-0.032	0.000	-9.655	0.000	-9.655
Change Summary Explanation						
FY 2024 directed reduction of 1.221M for M2M Software Delay						
FY26 funding (\$9.622M) for BA7 0408011F was transferred to BA 07 Project 0207457F.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: SWAGR				7.711	9.421	0.000
Description: Special Warfare Acquisition Growth and Refresh (SWAGR) is the program of record to develop, integrate, test, procure and field the latest technology and equipment across a wide range of capabilities in the areas of body-worn hardware/ software, tactical communications, ground mobility, small UAS, visual augmentation, maritime, special reconnaissance, technical recovery, and assault zones. SWAGR provides for the development and test of emerging technology, and the integration of the latest mature technology into the Special Tactics (ST) weapon system to conduct mission essential tasks such as improving support to Global Access (through Assault Zone operations and surveys), Precision Strike, PR, Counter-Space, Counter-UAS Operations, Ground-based SEAD, EMSO (to include awareness/defensive/offensive capabilities), and any other ST capability needs.						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0408011F I Special Tactics / Combat Control							
C. Accomplishments/Planned Programs (\$ in Millions)										FY 2024	FY 2025	FY 2026
FY 2025 Plans: - Continue to develop software and modernize the body-worn kit to enhance situational awareness, communication, information management, and airpower integration for ST operators in the battlespace. - Continue to perform testing for ST systems to support full spectrum certification, Joint Interoperable Test Command (JITC), Air Force System Interoperability Test (AFSIT), and Authority to Operate (ATO) approvals. - Continue to research, develop, integrate and test capabilities for sensing (passive and active) enemy activity within the electromagnetic spectrum and jamming effectiveness, Low Probability of Intercept/Detection (LPI/LPD), Small UAS comm relay systems, and any other emerging ST requirements. - Continue to study requirements to address future capability gaps. FY 2026 Plans: - Will continue to develop software and modernize the body-worn kit to enhance situational awareness, communication, information management, and airpower integration for ST operators in the battlespace. - Will continue to perform testing for ST systems to support full spectrum certification, JITC, AFSIT, and ATO approvals - Will continue to research, develop, integrate and test capabilities for sensing (passive and active) enemy activity within the electromagnetic spectrum and jamming effectiveness, Low Probability of Intercept/Detection (LPI/LPD), Small UAS comm relay systems, ground-based SEAD, and any other emerging ST requirements. - Will continue to study requirements to address future capability gaps. - Will continue to transition emerging technologies to advance ST capabilities. FY 2025 to FY 2026 Increase/Decrease Statement: - Slight increase in funding allows for the purchase of a test asset to support a ground-based Suppression of Enemy Air Defenses (SEAD) capability.												
Accomplishments/Planned Programs Subtotals										7.711	9.421	0.000
D. 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	
• OPAF 03 Line Item 837100: Tactical C-E Equipment	17.256	24.814	20.549	-	20.549	-	-	-	-	-	-	
• OPAF 04 Line Item 842990: Personal Safety and Rescue Equipment	2.469	5.058	4.599	-	4.599	-	-	-	-	-	-	

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0408011F I Special Tactics / Combat Control						
D. Other Program Funding Summary (\$ in Millions)											
	<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u> <u>Base</u>	<u>FY 2026</u> <u>OOB</u>	<u>FY 2026</u> <u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To</u> <u>Complete</u> <u>Total Cost</u>
<u>Remarks</u>											
E. Acquisition Strategy											
Special Warfare Acquisition Growth and Refresh (SWAGR) awarded a competitive Systems Engineering and Integration contract in May FY 2023 to continue development and modernization of the software on the body worn kit from the prior machine-to-machine (M2M) software development contract. This effort includes system engineering, design, integration, and fielding support for M2M software. The above efforts may change based on the need to support current Air Force mission requirements. Program management for the SWAGR program is under direction of the Program Executive Office Intelligence, Surveillance, Reconnaissance (ISR) and Special Operations Forces (SOF), Air Force Life Cycle Management Center (AFLCMC) Air Force Materiel Command, at Wright-Patterson Air Force Base, Ohio. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0408011F / <i>Special Tactics / Combat Control</i>						Project (Number/Name) 675138 / <i>ST System Development</i>			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ST System Development	C/Various	Various : Various	-	1.750	Dec 2023	2.516	Dec 2024	-		-		-	-	-	-
Systems Engineering and Integration	C/CPFF	General Dynamics IT : Dayton, OH	-	2.660	Oct 2023	3.915	Oct 2024	-		-		-	-	-	-
Subtotal			-	4.410		6.431		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Direct Cite Civilian Pay	WR	TBD : WP AFB, OH	-	1.320	Oct 2023	1.500	Oct 2024	0.000	Oct 2025	-		0.000	-	-	-
DCA Civilian Pay	WR	TBD : Hurlburt Field, FL	-	0.799	Oct 2023	0.840	Oct 2024	0.000	Oct 2025	-		0.000	-	-	-
Subtotal			-	2.119		2.340		0.000		-		0.000	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Agency Support	Various	46 TS : Eglin AFB, FL	-	0.794	Jan 2024	0.250	Jan 2025	0.000	Jan 2026	-		0.000	-	-	-
Subtotal			-	0.794		0.250		0.000		-		0.000	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs	Various	Various : Various, NV	-	0.388	Dec 2023	0.400	Dec 2024	0.000	Dec 2025	-		0.000	-	-	-
Subtotal			-	0.388		0.400		0.000		-		0.000	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force											Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0408011F / <i>Special Tactics / Combat Control</i>					Project (Number/Name) 675138 / <i>ST System Development</i>			
	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	-	7.711		9.421		0.000		-		0.000	-	-	N/A

Remarks
Beginning in FY26 this funding is reported in BA 07 Project 0207457F.

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0408011F / <i>Special Tactics / Combat Control</i>		Project (Number/Name) 675138 / <i>ST System Development</i>	

	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
ST System Development																												
SWAGR																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0408011F / <i>Special Tactics / Combat Control</i>	Project (Number/Name) 675138 / <i>ST System Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>ST System Development</i>				
SWAGR	1	2024	4	2030

Note
Beginning in FY26 this funding is reported in BA 07 Project 0207457F.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0708610F I Logistics Information Technology (LOGIT)							
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	0.000	20.682	11.895	18.581	0.000	18.581	-	-	-	-	-	-
675207: Logistics IT System Modernization	0.000	20.682	11.895	18.581	0.000	18.581	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The AF requires an integrated logistics capability that provides timely, accurate and reliable information to decision makers at all levels of command and across the full range of military operations.

Log IT is a portfolio of programs that currently addresses Transformation, Remediation, and Modernization of Operational Systems. Transformation focuses on transforming the Logistics IT enterprise to a more efficient, cost-effective integrated IT infrastructure. Remediation entails modifying operational Logistics software systems to address congressionally-mandated Financial Improvement & Audit Readiness requirements and remediating critical IT risks. Modernization concentrates on software upgrades for operational systems to increase functional capabilities, reduce sustainment costs, meet statutory IT compliance requirements and improve user performance.

Transformation:

- The AF must transform its logistics business processes and transition away from using numerous custom stovepipe systems and processes that perform similar tasks. Eliminating process redundancies across the logistics enterprise will enable the AF to execute more secure, resilient, efficient, cost-effective and integrated logistics. The objective of transformation is to conduct Business Process Re-engineering (BPR) to identify and eliminate overlaps in business processes across core logistics systems and, where appropriate, implement new IT systems that employ best commercial practices and modern cloud-based architectures.

- The AF will take full advantage of the flexibilities provided by DoDI 5000.75, Business Systems Requirements and Acquisition guidance, as well as Agile development methodologies to identify requirements across the spectrum of Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities and Policy (DOTMLPF-P); and to acquire and deploy approved material solutions in the most efficient and effective manner possible utilizing the 5-phased Business Capability Acquisition Cycle (BCAC). The BCAC phases are structured to optimize a joint responsibility of functional and acquisition activities, leading to the successful delivery of the business capability. There will be an emphasis placed on acquisition of business systems aligned to commercial best practices utilizing commercial off-the shelf (COTS), government off-the-shelf (GOTS) solutions, and modern platforms that support continuous integration and continuous deployment (CI/CD) following a development, security, and operations (DevSecOps) methodology.

- The AF logistics enterprise is comprised of multiple overarching functional areas, to include base and depot-level maintenance, end-to-end supply chain management, and predictive analysis and forecasting. The AF will standardize its business processes within each major logistics functional area through Transformational Capability

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0708610F / <i>Logistics Information Technology (LOGIT)</i>
Initiatives (TCIs). These TCIs include, but are not limited to: Maintenance, Repair and Overhaul Initiative (MROi PE 0708055F), Foundational Logistics Information Technology Enterprise System (FLITES), Supply Capability Initiative, Air Force Product Lifecycle Management Capability Initiative (AF-PLM), and Field Maintenance Capability Initiative. There may be one or more specific initiatives aligned to each of the major CI areas referenced above. Transformation Capability Initiatives (TCI): - TCI Foundational Logistics Information Technology Enterprise System (FLITES) provides the capability to manage comprehensive, accurate, reliable item master data (e.g., accurate identification and authorization of owners and users of items). FLITES is a key component of the Air Force (AF) Logistics Capability Transformation Plan. It will provide Item standardization and configuration management from a single authoritative source, ensuring foundational logistics processes are executed in concert to support the A4 logistics baseline. It will enable key integration and transformation capabilities, including Item Unique Identification (IUID) association to business transactions; streamlined management of part item attributes across supply, finance, engineering, technology, transportation, maintenance, and vendor communities; and provide translation capabilities between functional and technical business communities and systems. - TCI Supply Capability Initiative is focused on enabling simplified, standardized processes to fundamentally enhance the business operations and provide total asset visibility across the supply chain. These improvements have been identified in the USAF Logistics Capabilities Transformation Plan. • Procurement: Encompasses all business functions necessary to obtain goods (both inventory and expense) and services, sourced internally and externally through strategic partnerships with Trading Partners. • Order Management: Encompasses all business functions necessary to accept and process customer orders (internal/external) for services and/or inventory held for sale or internal consumption. • Inventory Management: Encompasses all business functions necessary to establish and manage inventory for all types of items (repairable, consumable, expense items and other low cost items) including Air Force owned inventory and other items that are sent to the Air Force for repair (Foreign Military Sales and other Services). • Asset Management: Encompasses all business functions necessary to establish in-use accountability and life-cycle management of capital, centrally managed, and local purchased assets. • Financial Management: Encompasses all accounting functions necessary to record and produce auditable financial statements (for GF and WCF) - TCI Field Maintenance Logistics Capability Initiative (LCI) will improve the AF field maintenance capabilities across the Mission Generation Network (MGN) and Repair Network (RN) functionalities supports USAF Strategic Master Plan, Vector 1: Provide Effective 21st-Century Deterrence and Vector 3: Ensure a Full-Spectrum Capable, High-End Focused Force. It also directly supports the future vision of Air Force maintenance being divided between Mission Generation, which takes place on the flight line, and repair networks that provides support to Mission Generation as outlined in the 2015-2025 Enterprise Logistics Flight Plan (ELFP). MGN will address the cumulative effort required to launch, recover, configure, inspect and repair aircraft. It includes activities covering the planning, scheduling and execution of aircraft preparation and maintenance to support sortie production and is predominantly accomplished in an on-equipment environment. MGN and RN will standardize processes where appropriate, allowing for optimization of resources, enhanced visibility of assets, reduced rework, reduced variability, improved documentation and configuration management, all allowing for more rapid and informed decision-making at the base and enterprise level.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0708610F / <i>Logistics Information Technology (LOGIT)</i>
- Funds will be used to perform studies, analysis, assessments, and innovative integration efforts for common technology capabilities such as cloud migration, technology development and mobile applications that cross and support all of the aforementioned initiatives. Remediation and Modernization: - Remediation and modernization of core logistics systems is necessary for the AF to meet statutory Financial Improvement Audit Readiness (FIAR) requirements and align with the Joint Chiefs of Staff J-4 Concept for Logistics, and the AF Portfolio Board's approved Logistics Flight Plan. Concurrently, the AF sustain and modify identified logistics systems to achieve FIAR remediation by the statutory deadline; execute software upgrades to reduce high operating costs and meet evolving operational demands; implement statutory compliance requirements; improve system performance; and enable system consolidation efforts that lower the cyber threat space and reduce long-term portfolio costs. - Identified systems include, but are not limited to, the Integrated Logistics System-Supply (ILS-S), Enhanced Technical Information Management System (ETIMS), Integrated Maintenance Data System (IMDS), and Reliability and Maintainability Information System (REMIS). Additional logistics systems may be included as financial audits are completed and system consolidation efforts mature. - This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2024 0.424M was expended for civilian pay expenses in this program element, and in FY2025 0.560M is forecasted for civilian pay expenses in this program element. - This program element may include necessary emergent or unanticipated civilian pay expenses required to manage, execute, and deliver Logistics IT Systems for emergent or unanticipated weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0505829F. - The FY 2026 request for Logistics Information Technology (LOGIT) includes \$18.581 million of discretionary for a total of \$18.581 million. - This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.		

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0708610F I Logistics Information Technology (LOGIT)				
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget	17.520	11.895	18.854	0.000	18.854	
Current President's Budget	20.682	11.895	18.581	0.000	18.581	
Total Adjustments	3.162	0.000	-0.273	0.000	-0.273	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	3.162	0.000				
• SBIR/STTR Transfer	0.000	0.000				
• Other Adjustments	0.000	0.000	-0.273	0.000	-0.273	
Change Summary Explanation						
FY26 request was increased due to acknowledging and right-sizing future forecasted requirements which extend the development and testing phase of FLITES.						
The FY 2026 request was reduced by \$0.273 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."						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026
Title: Enhanced Technical Information Management System Enhancements (ETIMS Enhancements)				1.424	4.300	4.297
Description: Modify ETIMS to enhance user capability/functionality. Modifications may include improvements of services and capabilities to support electronic Tech Order (TO) distribution and viewing, deployment of the ETIMS Mobile Application, improvements to support online viewing of Interactive Electronic Technical Manuals, interface with Technical Order Authoring and Publishing (TOAP), TO Change Requests processes and Computer Program Identification Numbers (CPIN) management, incorporate Classified TOs into ETIMS, subsume Security Assistance Technical Order Distribution System (SATODS) functionality, system changes to subsume functionality of other systems in support of terminating duplicate capability, system enhancements to meet compliance requirements, and enhancements for information technology modernization.						
FY 2025 Plans:						
- Continue development and testing of ETIMS v01.05						
- Achieve limited deployments of ETIMS v01.05						
- Begin pre-acquisition activities ETIMS v01.06						
FY 2026 Plans:						
- Will achieve Full deployment of ETIMS v01.05						

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0708610F / <i>Logistics Information Technology (LOGIT)</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
- Will award development contract for ETIMS v01.06 - Will begin development and testing of ETIMS v01.06 FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflation				
Title: Transformation Capability Initiative -Foundational Logistics Information Technology Enterprise System (FLITES) Description: FLITES will provide comprehensive Item Catalog and Provisioning functions for the Logistics business systems, and will replace the Item Management Control System (IMCS) suite of legacy systems, at a minimum. It will be the central repository for the Item core business objects, providing standardization of Item cataloging processes, structure, attributes, propagation, and standardized views for all applicable Item types. Additionally, FLITES will receive product structure input from an engineering Product Lifecycle Management (PLM) type system. FLITES will contain the Item data that is the core underlying information for each Transformation Capability Initiative (TCI), and as such, will integrate with many logistics enterprise systems. FLITES is a pilot program within NDAA Section 873, "Agile or Iterative Development Methods to Tailor Major Software-Intensive Warfighting Systems and Defense Business Systems pilot program." In FY21, the program name was changed from Item Master Logistics Capability Initiative (IMLCI) to Foundational Logistics Information Technology Enterprise System (FLITES). FY 2025 Plans: - Release FLITES 1.1 Cataloging to partially replace unsupportable 50 year old item management system, improving user interface, data accessibility, data accuracy, and data integrity - Continue configuration of commercial platform to provide foundational logistics capability - Conduct recurring cyber-security and system performance testing concurrent with configuration - Continue developing and testing interfaces and data exchanges to other Logistics Systems, as needed FY 2026 Plans: - Release FLITES 1.2 Provisioning fully replacing unsupportable 50 year old item management system - Continue business process transformation, compliance, enhancements, and integration with other systems using agile incremental releases - Continue configuration of commercial platform to provide foundational logistics capability - Conduct recurring cyber-security and system performance testing concurrent with configuration - Continue developing and testing interfaces and data exchanges to other Logistics Systems, as needed		19.258	7.595	14.284

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0708610F / <i>Logistics Information Technology (LOGIT)</i>			
C. Accomplishments/Planned Programs (\$ in Millions) - Begin development of the next FLITES increments to replace the legacy Part Number Supply Support Request System (PNSSR) and the Contractor Supported Weapon Systems (CSWS) <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> FY26 request was increased due to acknowledging and right-sizing future forecasted requirements which extend the development and testing phase of FLITES.		FY 2024	FY 2025	FY 2026
Accomplishments/Planned Programs Subtotals		20.682	11.895	18.581
D. Other Program Funding Summary (\$ in Millions) N/A Remarks E. Acquisition Strategy Air Force Program Executive Office - Business and Enterprise Systems (AFPEO-BES) is evaluating systems under the DoDI 5000.75 to approve Authority To Proceed (ATP) for each core logistics system remediation/modification project. Agile development practices transform IT acquisitions by incrementally delivering capabilities faster and responding more effectively to changes in operations, technology, and budgets. The four objectives of Agile software development are: 1. Focusing on small, frequent capability releases; 2. Valuing working software over comprehensive documentation; 3. Responding rapidly to changes in operations, technology, and budgets; 4. Actively involving users throughout development to ensure high operational value. In addition, exploitation of emerging cloud-native and containerized deployment on modern platforms will greatly enhance speed of delivery to users in a secure, scalable, and flexible manner. The Logistics IT program utilizes the Agile software development methodology in the acquisition of these projects. Log IT supports multiple lines of effort and will employ multiple acquisition strategies to achieve the 3 Log IT objectives of FIAR and Software Upgrades, Transformation, and Transformation Capability Initiatives. Agile development, continuous integration and deployment are preferred methodologies that will be employed to the greatest extent possible to achieve maximum flexibility and cyber-resiliency, using an appropriate mix of contractor and government personnel. Contract strategies will require multiple approaches with a focus on best value and rapid execution using contracts like the pre-competed Small Business Enterprise Application Solutions (SBEAS) multi-vendor indefinite delivery/indefinite quantity (ID/IQ) vehicle.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0708610F / Logistics Information Technology (LOGIT)				Project (Number/Name) 675207 / Logistics IT System Modernization					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ETIMS Enhancements-Prime Intergration Incrementally Funded FY23 Reqts (ECP v.01.04)	C/CPAF	KIRA Info Solutions : WPAFB, OH	-	0.641	Oct 2023	-		-		-		-	-	-	-
ETIMS Enhancements - Prime Integration (Ext Study)	C/CPAF	KIRA Info Solutions : WPAFB, OH	-	0.550	Jun 2024	-		-		-		-	-	-	-
ETIMS Enhancements - Prime Integration (v01.05)	C/CPAF	KIRA Info Solutions : WPAFB, OH	-	0.000	Sep 2024	3.939	Nov 2024	-		-		-	-	-	-
ETIMS Enhancements-Prime Integratin (V01.05)	C/TBD	TBD : WPAFB, OH	-	-		-		3.766	Dec 2025	-		3.766	-	-	-
ETIMS Enhancements - Mobile Development	C/FFP	BESPIN : MAFB-Gunter Annex, AL	-	0.070	Mar 2024	0.073	Mar 2025	0.079	Mar 2026	-		0.079	-	-	-
FLITES - Development/ Production Software Tools	Various	Various : WPAFB, OH	-	0.144	Dec 2023	0.036	Dec 2024	0.219	Dec 2025	-		0.219	-	-	-
FLITES - Hosting and Hybrid Support (C1)	C/CPFF	SAIC : WPAFB, OH	-	0.764	Sep 2024	0.409	Apr 2025	1.718	Dec 2025	-		1.718	-	-	-
FLITES - Technical Service Contract	C/FFP	One Network : WPAFB, OH	-	6.621	Apr 2024	3.364	Apr 2025	4.987	Apr 2026	-		4.987	-	-	-
FLITES - Technical Service Follow- ON Contract (FY25)	C/FFP	One Network : WPAFB, OH	-	-		2.075	Sep 2025	-		-		-	-	-	-
FLITES - Development Licenses	C/FFP	One Network : WPAFB, OH	-	5.542	Apr 2024	0.000	Apr 2025	3.204	Apr 2026	-		3.204	-	-	-
FLITES - Java Developers	C/FFP	Arcticom LLC : WPAFB, OH	-	2.138	Jun 2024	0.147	Jun 2025	1.253	Nov 2025	-		1.253	-	-	-
Supply TCI (Ext Study)	TBD	TBD : WPAFB, OH	-	-		-		0.056	Mar 2026	-		0.056	-	-	-
Field Mx	TBD	TBD : WPAFB, OH	-	-		-		0.104	Mar 2026	-		0.104	-	-	-
Subtotal			-	16.470		10.043		15.386		-		15.386	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0708610F / Logistics Information Technology (LOGIT)

Project (Number/Name)

675207 / Logistics IT System Modernization

Support (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ETIMS Enhancements - SME 3 month Bridge	C/FFP	DATUM : WPAFB, OH	-	0.030	Jun 2024	-		-		-		-	-	-	-
ETIMS Enhancements - SME	C/FFP	DATUM : WPAFB, OH	-	0.080	Sep 2024	0.214	Sep 2025	0.292	Dec 2025	-		0.292	-	-	-
ETIMS Enhancements - ISP	C/FFP	Bowhead : WPAFB, OH	-	0.053	Dec 2023	0.074	Dec 2024	0.163	Dec 2025	-		0.163	-	-	-
FLITES - DME SME/Help Desk	C/FFP	TACG, LLC : WPAFB, OH	-	1.599	Sep 2024	0.432	Apr 2025	0.632	Dec 2025	-		0.632	-	-	-
FLITES - Enterprise Architecture	C/FFP	Bowhead : WPAFB, OH	-	0.337	Dec 2023	0.151	Jun 2025	0.377	Dec 2025	-		0.377	-	-	-
Program Support (DCA)	Various	AFLCMC : MAFB-Gunter, AL	-	0.462	Oct 2023	0.130	Oct 2024	0.180	Oct 2025	-		0.180	-	-	-
Subtotal			-	2.561		1.001		1.644		-		1.644	-	-	N/A

Test and Evaluation (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FLITES - LDTO	PO	96th Test Wing : Eglin AFB, FL	-	0.289	Nov 2023	0.000	Nov 2024	0.189	Nov 2025	-		0.189	-	-	-
Subtotal			-	0.289		0.000		0.189		-		0.189	-	-	N/A

Management Services (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FLITES - PMO Travel	Various	PEO : WPAFB, OH	-	0.008	Jan 2024	0.021	Jan 2025	-		-		-	-	-	-
FLITES - EPASS	C/CPFF	Oasis : WPAFB, OH	-	1.078	Mar 2024	0.804	Mar 2025	1.311	Mar 2026	-		1.311	-	-	-
PMA	TBD	TBD : WPAFB, OH	-	0.276	Mar 2024	0.026	Mar 2025	0.001		-		0.001	-	-	-
Supply TCI	TBD	TBD : WPAFB, OH	-	0.000		-		0.050	Mar 2026	-		0.050	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0708610F / Logistics Information Technology (LOGIT)				Project (Number/Name) 675207 / Logistics IT System Modernization					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	1.362		0.851		1.362		-		1.362	-	-	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			-	20.682		11.895		18.581		-		18.581	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0708610F / Logistics Information Technology (LOGIT)

Project (Number/Name)

675207 / Logistics IT System Modernization

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force																				Date: June 2025																	
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0708610F / Logistics Information Technology (LOGIT)										Project (Number/Name) 675207 / Logistics IT System Modernization																	
										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
Supply TCI																																					
Supply TCI- Development										[REDACTED]																											

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0708610F / Logistics Information Technology (LOGIT)	Project (Number/Name) 675207 / Logistics IT System Modernization	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ETIMS Enhancements				
ETIMS Enhancements (v01.04) - Development / Testing / Deploy	1	2024	3	2024
ETIMS Enhancements (v01.04) - Limited Deployment	1	2024	2	2024
ETIMS Enhancements (v01.04) - Full Deployment	3	2024	3	2024
ETIMS Enhancements (v01.05) - Pre-Acquisition Activities	1	2024	4	2024
ETIMS Enhancements (v01.05) - Development / Testing / Deploy	1	2025	1	2026
ETIMS Enhancements (v01.05) - Limited Deployment	1	2025	4	2025
ETIMS Enhancements (v01.05) - Full Deployment	3	2025	1	2026
ETIMS Enhancements (v01.06) - Pre-Acquisition Activities	3	2025	1	2026
ETIMS Enhancements (v01.06) - Integration/ Testing / Deploy	1	2026	4	2026
FLITES				
FLITES - Development/Testing	1	2024	4	2030
FLITES- Limited Deployment ATP (FLITES 1.0)	4	2024	4	2024
FLITES - Limited Deployment ATP (FLITES 1.1)	2	2025	2	2025
FLITES - Limited Deployment ATP (FLITES 1.2)	2	2026	2	2026
Supply TCI				
Supply TCI- Development	2	2026	4	2026

Note

FLITES Deployments beyond 1.2 will be based on agile best practices while addressing requirements through the established Requirements Management Process.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)

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	0.000	21.423	27.535	33.898	0.000	33.898	-	-	-	-	-	-
674567: <i>Modeling and Simulation Foundations - MSF</i>	0.000	7.637	9.917	17.711	0.000	17.711	-	-	-	-	-	-
675135: <i>Warfighter Readiness</i>	0.000	13.786	17.618	16.187	0.000	16.187	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Air Force Live Virtual Construct Operational Training (AF LVC-OT) program develops and supports modeling and simulation software used within USAF operational training and exercises. LVC-OT directly improves Joint and USAF core warfighter readiness by ensuring training and mission rehearsal activities are realistic, readily available, and interoperable with other related training and simulation programs.

The LVC-OT program includes two complementary and interrelated projects:

Project 674567, Modeling & Simulation Foundations, develops and supports a software tool named Air, Space and Cyberspace Collaborative Environment - Information Operations Suite (ACE-IOS). This software is a federation of constructive models to simulate intelligence, surveillance, and reconnaissance (ISR), electronic warfare (EW), information operations (IO), and cyber Effects on combat operations during training and exercises. The program supports multiple training tiers, to include Joint Task Force commanders, Combatant Commanders' battle staff, and the USAF intelligence schoolhouse.

Project 675135, Warfighter Readiness, develops and supports a software tool named Command & Control Simulation Environment for Training (C2SET). This software simulates air and space power for training Air and Space Operations Center (AOC) personnel and Combatant Commanders' battle staffs. Due to concurrent AOC modernization, C2SET replaces the legacy Air Force Modeling and Simulation Training Toolkit (AFMSTT) in FY 2026, due to the legacy AFMSTT's outdated capabilities and inoperability with the modernized AOC weapon system.

Projects under the LVC-OT program support DoD's training transformation, Joint National Training Capability (JNTC), and USAF priorities and core functions. Activities include studies and analysis to support both program planning, execution, and future program planning. LVC-OT provides the training and mission rehearsal in realistic operational environments required to prepare our warfighters for the full range of military operations and maintain the combat readiness levels required by Combatant Commanders. Live, Virtual, and Constructive integration efforts provided under LVC-OT are a critical piece to the USAF's implementation of the Strategic Plan for Transforming DoD Training.

This program is part of the overarching Kessel Run portfolio and is leveraging the All Domain Common Platform (ADCP). The ADCP provides an extensible cloud based infrastructure and platform as a service (IaaS/PaaS) hosting platform built to deliver highly resilient mission applications and data to Airmen deployed around the world.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0801380F I AF LVC Operational Training (LVC-OT)				
The FY 2026 request was reduced by -\$0.162 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."						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, or 0605898F. In FY 2024 1.050 million was expended for civilian pay expenses in this program element, and in FY 2025 1.425 million is forecasted for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		25.144	29.815	28.904	0.000	28.904
Current President's Budget		21.423	27.535	33.898	0.000	33.898
Total Adjustments		-3.721	-2.280	4.994	0.000	4.994
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.721	0.000			
• Other Adjustments		-3.000	-2.280	4.994	0.000	4.994
Change Summary Explanation						
FY 2025 funding reduced due to full year CR reductions. FY 2026 funding increased due to required modernization of the ACE-IOS software under project 674567. This increase supports requirements for more realistic and comprehensive training for global exercises, to include those supporting USINDOPACOM and homeland defense missions. See project 674567 for details.						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)				Project (Number/Name) 674567 / Modeling and Simulation Foundations - MSF			
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
674567: Modeling and Simulation Foundations - MSF	0.000	7.637	9.917	17.711	0.000	17.711	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Project 674567, Modeling & Simulation Foundations, develops and supports a software tool named Air, Space and Cyberspace Collaborative Environment - Information Operations Suite (ACE-IOS). ACE-IOS is used during major theater exercises to provide realistic intelligence, surveillance, and reconnaissance (ISR), electronic warfare (EW), information operations (IO), and cyber effects simulation. ACE-IOS is part of the cyber live-virtual-constructive (LVC) environments for use during Joint training of offensive and defensive ISR/cyber capabilities for the USAF, DoD, select coalition, and national agencies. ACE-IOS is also used at Air Force and and Joint ISR operational training, conducted by the AF simulation centers worldwide. Warfighters train using ACE-IOS models and simulations with specific extensions in support of the USAF Cyber Simulation Center (CSC) and the USAF ISR schoolhouse.

Robust ACE-IOS modernization is imperative to ensure that air, space, and cyberspace training and mission rehearsal activities can provide warfighters with realistic, interoperable, and readily available tools, data, and services. Planned ACE-IOS enhancements support of the users at mod-sim centers for multi domain capability and the USAFISR schoolhouse. Specific cyber effects software extensions are required for warfighter training and exercising of tactical cyber mission forces (CMF), cyber service providers (CSP), and operational-level command and control, intelligence, and cyber planners and operators supporting global operations.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Air, Space and Cyberspace Constructive Environment - Information Operations Suite (ACE-IOS)	7.637	9.917	17.711	-	17.711
Description: Provides the authoritative representation of the USAF ACE-IOS program. ACE-IOS is comprised of models that support training and mission rehearsal for the USAF, Joint Task Force commanders, and Combatant Commander battle staffs during Joint and service exercises and experimentations. Also supports shared ACE-IOS development in support of the USAF ISR schoolhouse and M&S centers.					
FY 2025 Plans: -Continue to deliver ACE-IOS version & deployment -Continue ACE-IOS agile development in support of delivering modernized capabilities - Investigate and start prototyping integration with C2SET and along with investigation integration on M&S platform to support common modeling and development					
FY 2026 Base Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)		Project (Number/Name) 674567 / Modeling and Simulation Foundations - MSF	

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Will deliver ACE-IOS version & deploy operational software modifications - Will start new ACE-IOS agile development providing modernized model and simulation updates for C5ISR training - Will develop and test integration with Command & Control Simulation Environment for Training (C2SET) program for integrated AF M&S Constructive training support - Will update tool sets based on operational needs to deliver realistic training in support of Joint/Combined Forces Air Component Commander (JFACC/CFACC) operations <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Funding increased to support additional requirements to provide more realistic and comprehensive training that simulates the threats, complexity, and scale of a modern war. The increased funding will provide warfighters with realistic, interoperable, and readily available tools, data, and services, replacing outdated model and databases. Funding increases are also required to integrate ACE-IOS with C2SET to deliver a common training simulation structure. This funding supports global exercises, to include those supporting USINDOPACOM and homeland defense missions.					
Accomplishments/Planned Programs Subtotals	7.637	9.917	17.711	-	17.711

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
• OPAF 03 833140: Strategic Command And Control	9.991	5.431	1.861	-	1.861	-	-	-	-	-	-
• RDTE 07 0303248F: AF Command and Control (C2) Common Platform	71.296	82.927	79.294	-	79.294	-	-	-	-	-	-

Remarks

D. Acquisition Strategy
 The Acquisition goals of the Air, Space and Cyberspace Constructive Environment - Information Operations Suite (ACE-IOS) are achieved through incremental development of the project's Modeling and Simulation (M&S) activities; all contracts are awarded using full and open competition. In order to meet evolving M&S technology and requirements and its modernization effort, the ACE-IOS program will leverage commercial best practices for agile software development.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)				Project (Number/Name) 674567 / Modeling and Simulation Foundations - MSF					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Air, Space and Cyberspace Constructive Environment - Information Operations Suite (ACE-IO)(1)	C/T&M	CACI, Inc-Federal : San Antonio, TX	-	6.580	Apr 2024	8.753	Apr 2025	16.779	Apr 2026	-		16.779	-	-	-
Air, Space and Cyberspace Constructive Environment - Information Operations Suite (ACE-IO) GSA Support	SS/ Various	GSA : San Antonio, TX	-	0.824	Feb 2024	-		-		-		-	-	-	-
Subtotal			-	7.404		8.753		16.779		-		16.779	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration	C/Various	AFLCMC : Hanscom AFB, MA	-	0.233	Oct 2023	1.164	Oct 2024	0.932	Oct 2025	-		0.932	-	-	-
Subtotal			-	0.233		1.164		0.932		-		0.932	-	-	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			-	7.637		9.917		17.711		-		17.711	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)			Project (Number/Name) 674567 / Modeling and Simulation Foundations - MSF

	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
Air, Space and Cyberspace Constructive Environment - Information Operations Suite(ACE-IOS)																												
- ACE-IOS v5.0.24																												
- ACE-IOS v5.0.25																												
- ACE-IOS v5.0.26																												
- ACE-IOS v5.0.27																												
- ACE-IOS v5.0.28																												
-ACE-IOS v5.0.29																												
-ACE-IOS v6.0.30																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)	Project (Number/Name) 674567 / Modeling and Simulation Foundations - MSF	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Air, Space and Cyberspace Constructive Environment - Information Operations Suite(ACE-IOS)				
- ACE-IOS v5.0.24	1	2024	2	2025
- ACE-IOS v5.0.25	1	2025	2	2026
- ACE-IOS v5.0.26	1	2026	2	2027
- ACE-IOS v5.0.27	1	2027	2	2028
- ACE-IOS v5.0.28	1	2028	2	2029
-ACE-IOS v5.0.29	1	2029	2	2030
-ACE-IOS v6.0.30	1	2030	2	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)				Project (Number/Name) 675135 / Warfighter Readiness			
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
675135: Warfighter Readiness	0.000	13.786	17.618	16.187	0.000	16.187	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
Project 675135, Warfighter Readiness, develops and supports a software tool named Command & Control Simulation Environment for Training (C2SET). C2SET will be the authoritative representation of USAF and Joint theater-level air and space power training to Air and Space Operations Center (AOC) warfighters and Combatant Commanders' battle staffs. C2SET delivers realistic models and tools representing the tactical and operational capabilities the USAF brings to the joint fight. The goal is delivering a fully scalable and more scientific based modeling, simulation, and training stimulation to the users. C2SET will replace legacy model called Air Force Modeling & Simulation Training Toolkit (AFMSTT) with the proven Advanced Framework for Simulation, Integration, and Modeling (AFSIM) and/or similar models. AFMSTT entered sustainment in FY 2021 and continues to receive operational updates to maintain operational currency until fully replaced by C2SET and depreciated.												
C2SET includes several complimentary initiatives: Warfighter and Joint Training Integration supports the Chief of Staff of the Air Force (CSAF) directed Live, Virtual, and Constructive (LVC) integration efforts and is a critical piece to the USAF's implementation of the Strategic Plan for Transforming DoD Training. The goal of LVC training and mission rehearsal is to prepare our warfighters for the full range of military operations and maintain the combat readiness levels required by the Combatant Commands. This can only be accomplished by training and rehearsing in realistic operational environments. These environments include live training ranges and virtual simulators enhanced with constructive entities. Specific training and mission rehearsal events can include some or all of these simultaneously; making the ability to integrate LVC capabilities a necessity. The Air, Space, and Cyberspace Constructive Environment (ASCCE) is the USAF's authoritative federation of constructive to the Combined Forces Air Component Commander (CFACC).												
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Title: Command & Control Simulation Environment for Training (C2SET)							13.786	17.618	16.187	-	16.187	
Description: C2SET will replace legacy AFMSTT systems with modernized training & rehearsal capability to warfighters across various AOCs. C2SET models deliver capability for scalable, interoperable exercises to users across Sim Centers at Osan, Hickam, and other DoD installations. Furthermore, the C2SET environment creates high fidelity training scenarios for the operators at the 505th Command and Control Wing, Hurlburt Field AFB, FL												
FY 2025 Plans: -Continue incremental testing to deliver modernized capabilities of AFMSTT, ensuring system remains compatible with both AOC Block 20 & 10.1.												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)		Project (Number/Name) 675135 / Warfighter Readiness	

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
-Continue to leverage DAF modeling and simulation (M&S) and operational communities to deliver next generation training environments to AOC users, exercise participants, USAF intelligence schoolhouse students, and M&S centers FY 2026 Base Plans: - Test and deploy modernized simulation capabilities delivering realistic behavior simulation for current and future Air Tasking Order (ATO) and C5ISR mission sets with a substantially modernized core Modeling and Simulation (M&S) engine around a common USAF framework compatible with AOC Block 20 & 10.1 - Expand on capability to plan and execute a simulated exercise scaled to the number of missions, mission types, threats, and number of partners required to meet the Combined/Joint Force Commander's (C/JFC) desired training objectives for AOC exercise participants - Replace scenario generation capability delivering modernized capability for initial & mission qualification training (IQT & MQT) at 40+ sites - Integration with other mission planning systems such as C2CORE, C2IMERA, etc. -Deliver a resilient platform tailorable to each user site -Continue to harden mission feedback capability delivering real time mission status updates to operators during large scale exercises FY 2025 to FY 2026 Increase/Decrease Statement: FY 2026 Funding increased due to a planned FY 2025 \$2.620 million reduction to support higher USAF priorities. The resulting \$1.270 million increase from FY 2025 to FY 2026 supports modernization in modeling and simulation scenario generation, mission feedback capabilities, and platform resiliency; this funding supports the simulation required for 40+ annual exercises worldwide.					
Accomplishments/Planned Programs Subtotals	13.786	17.618	16.187	-	16.187

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF 03 833140: Strategic Command And Control	9.991	5.431	1.861	-	1.861	-	-	-	-	-	-
• RDTE 07 0303248F: AF Command and Control (C2) Common Platform	71.296	88.470	79.294	-	79.294	-	-	-	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force							Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)			Project (Number/Name) 675135 / Warfighter Readiness		

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											
N/A											

D. Acquisition Strategy

The Acquisition goals of the Command & Control Simulation Environment for Training (C2SET) are achieved through incremental development of the project's Modeling and Simulation (M&S) activities; all contracts are awarded using full and open competition. C2SET operates under authority of a Software Acquisition Pathway following DoDI 5000.87, Operation of a Software Acquisition Pathway Guidance. The desired end state is continuous delivery of all C2SET software.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0801380F / AF LVC Operational Training (LVC-OT)

Project (Number/Name)

675135 / Warfighter Readiness

Product Development (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2SET (FSO)	C/T&M	Full Spectrum Operations : Fairfax, VA	-	4.132	Jul 2024	3.900	Jul 2025	6.383	Jul 2026	-		6.383	-	-	-
C2SET (Omni)	C/T&M	Omni Federal : Gainesville, VA	-	7.094	Jul 2024	10.981	Jul 2025	6.506	Jul 2026	-		6.506	-	-	-
Subtotal			-	11.226		14.881		12.889		-		12.889	-	-	N/A

Support (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
C2SET Civilian Direct Cite Authorizations for Product Development	Allot	AFLCMC/FZA : HANSCOM AFB, MA	-	0.945	Oct 2023	1.115	Oct 2024	1.482	Oct 2025	-		1.482	-	-	-
Subtotal			-	0.945		1.115		1.482		-		1.482	-	-	N/A

Test and Evaluation (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Support	C/TBD	45th TS/TG : Eglin AFB, FL	-	0.195	Nov 2023	0.252	Nov 2024	0.000	Nov 2025	0.000	Nov 2025	0.000	-	-	-
Subtotal			-	0.195		0.252		0.000		0.000		0.000	-	-	N/A

Management Services (\$ in Millions)

				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration	C/Various	AFLCMC : HANSCOM AFB, MA	-	0.853	Oct 2023	0.945	Oct 2024	1.391	Oct 2025	-		1.391	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)				Project (Number/Name) 675135 / Warfighter Readiness					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering	SS/ Various	MITRE : Bedford, MA	-	0.567	Oct 2023	0.425	Oct 2024	0.425	Oct 2025	-		0.425	-	-	-
Subtotal			-	1.420		1.370		1.816		-		1.816	-	-	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			-	13.786		17.618		16.187		0.000		16.187	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025																			
Appropriation/Budget Activity 3600 / 7										R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)										Project (Number/Name) 675135 / Warfighter Readiness									

	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
Air, Space, and Cyberspace ConstructiveEnvironment (ASCCE)																												
C2SET																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0801380F / AF LVC Operational Training (LVC-OT)	Project (Number/Name) 675135 / Warfighter Readiness

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Air, Space, and Cyberspace ConstructiveEnvironment (ASCCE)				
C2SET	1	2024	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0804743F / <i>Other Flight Training</i>											
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	0.000	2.182	1.159	2.371	0.000	2.371	-	-	-	-	-	-
675304: <i>Aviation Resource Management System (ARMS)</i>	0.000	2.182	1.159	0.000	0.000	0.000	-	-	-	-	-	-
67A036: <i>Air Resource Tool Enterprise Mission Information System (ARTEMIS)</i>	0.000	0.000	0.000	2.371	0.000	2.371	-	-	-	-	-	-

Note

In FY 2025, Program Element (PE) 0804743F, Other Flight Training (OFT), Project 675304, Aviation Resource Management Systems sunsets.

In FY 2026, Program Element (PE) 0804743F, Other Flight Training (OFT), Project 675304, Aviation Resource Management Systems major thrust efforts for Air Resource Tool Enterprise Mission Information System (ARTEMIS) transferred to PE 0804743F, OFT, Project 67A036, ARTEMIS to ensure greater transparency.

A. Mission Description and Budget Item Justification

Other Flight Training (OFT) program provides systems and data sources for recording and managing aircrew training information, aircrew/parachutist management, flying hour tracking, flight pay management, and flying gate tracking for 60,000 Air Force members. The Air Force uses this information to enhance safety-of-flight operations and to determine eligibility to perform aviation related events. OFT includes Aviation Resource Management System (ARMS), which will sunset in FY 2025 and be replaced by a new cloud-based, Aviation Resource Tool Enterprise Mission Information System (ARTEMIS). ARTEMIS will provide common architecture across multiple programs/applications yielding real-time analytics for aircrew, missileer and parachutist training, readiness, and electronic flying hours reports covering 65,000 Aircrew/Parachutists and used by 2,800 1C0X2 Career Field members with 2.2 million transactions per week.

New development work is required to provide additional flying operations information to ensure Air Force readiness and interface this data into Defense Readiness Reporting System Strategic (DRRS-S). These enhanced capabilities, to be developed incrementally, include the following but not limited to electronic flight record, flying hour management/execution, simulator and RPA management/utilization, full career logbook, training look-back, aircrew member man-month allocation, enhanced resource and jump module management, and additional interfaces.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0804743F I Other Flight Training			
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	2.265	2.319	2.379	0.000	2.379
Current President's Budget	2.182	1.159	2.371	0.000	2.371
Total Adjustments	-0.083	-1.160	-0.008	0.000	-0.008
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.083	0.000			
• Other Adjustments	0.000	-1.160	-0.008	0.000	-0.008
Change Summary Explanation					
FY 2025 funding request was reduced by \$1.160 million due sunset of Aviation Resource Management System (ARMS) and reduction of associated efforts.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training				Project (Number/Name) 675304 / Aviation Resource Management System (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
675304: Aviation Resource Management System (ARMS)	0.000	2.182	1.159	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2025, Program Element 0804743F, Other Flight Training, Project 675304, Aviation Resource Management System (ARMS) sunsets.

In FY 2026, Program Element (PE) 0804743F, Other Flight Training (OFT), Project 675304, Aviation Resource Management Systems major thrust for Air Resource Tool Enterprise Mission Information Systems (ARTEMIS) efforts transferred to PE 0804743F, OFT, Project 67A036, ARTEMIS to ensure greater transparency.

A. Mission Description and Budget Item Justification

The Aviation Resource Management System (ARMS) program will sunset in FY 2025. ARMS will be replaced by the new, cloud-based solution, Aviation Resource Tool Enterprise Mission Information System (ARTEMIS) and will ensure indefinite, secure integration with existing operations systems.

ARMS is a web-based on-line management information system designed to support the base level Director of Operations (DO), aircrew supervisors, and managers. ARMS provides management policies and ensures the status of the Air Force flying programs are available to flying/jump supervisors to make resource allocation decisions. ARMS ensures accurate tracking of flying and ground training programs for each weapon system at each base and provides accurate and timely aircrew/parachutist information which assists in monitoring, tracking, and scheduling military training required to meet Air Force mission requirements.

Additionally, the ARMS manages flying hours for aircrew parachutists world-wide to include USAF, Air Force Reserve Command (AFRC) and the Air National Guard (ANG).The current ARMS functionality resides at a Defense Information System Agency (DISA) DECC and consists of "5" logical modules to include: Flight, Individual Training, Jumper Aircrew, Resource Tracking, Reports, and System. The sustainment of these capabilities and the introduction of new capabilities follows an agile development process, but the effectiveness of that process is severely limited by the existing production environment.

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

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force			Date: June 2025			
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training	Project (Number/Name) 675304 / Aviation Resource Management System (ARMS)				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Aviation Resource Management System (ARMS) Description: Hardware/software development to update Aviation Resource Management System (ARMS), adding functionality and system interfaces. FY 2025 Plans: Modify and update current ARMS capabilities and deliver patches to correct system deficiencies via a Cloud One based platform (ARTEMIS) to include but not limited to integrating with other platforms, apply required upgrades and system design updates, configuration, test, and training. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due to sunset of ARMS and ramp down of efforts.		2.182	0.009	0.000	0.000	0.000
Title: Aviation Resource Tool Enterprise Mission Information System (ARTEMIS) Description: Software development to update antiquated Aircrew Resource Management System (ARMS) through new ARTEMIS effort, adding functionality and system interfaces. FY 2025 Plans: ARMS capabilities will be transferred to new and deliver patches to correct system deficiencies via a Cloud One based platform (ARTEMIS) to include but not limited to integrating with other platforms, apply required upgrades and system design updates, configuration, test, and training. FY 2026 Base Plans: N/A FY 2026 OOC Plans: N/A FY 2025 to FY 2026 Increase/Decrease Statement: Funding decreased due transfer of major thrust ARTEMIS to new Project 67A036 for greater transparency.		0.000	1.150	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals		2.182	1.159	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training	Project (Number/Name) 675304 / Aviation Resource Management System (ARMS)

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

ARMS sunsets in FY 2025.

D. Acquisition Strategy

ARTEMIS utilizes Agile development methodologies to incrementally develop and field enhancements to the existing system. The ARMS PMO utilizes contract programmers for code development/sustainment and government civilians providing program management, engineering, and information technology support. The AF has partnered with the USAF Business Enterprise Systems (BES) Directorate's Business Enterprise Systems Programming Innovation (BESPIN) office to acquire contractor resources that are experts at agile software development in a cloud environment. BESPIN has acquired current contractor support via Section 8a direct award using the United States Digital Services guide and templates on agile development which allowed for an agile acquisition.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training						Project (Number/Name) 675304 / Aviation Resource Management System (ARMS)			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ARTEMIS Software Development	C/Various	Deloitte : Arlington, VA	-	-		1.159	Jan 2025	-		-		-	-	-	-
Subtotal			-	-		1.159		-		-		-	-	-	N/A
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Assessment	SS/FFP	Not specified. : Maxwell AFB-Gunter Annex, AL	-	1.415	Apr 2024	-		-		-		-	-	-	-
Subtotal			-	1.415		-		-		-		-	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs	C/TBD	TBD : TBD	-	0.767	Jan 2024	-		-		-		-	-	-	-
Subtotal			-	0.767		-		-		-		-	-	-	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			-	2.182		1.159		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 0804743F / Other Flight Training					675304 / Aviation Resource Management System (ARMS)			

	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
ARTEMIS																												
ARMS Program Assessment																												
ARMS Cloud Migration																												
ARTEMIS Integration Activities																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training	Project (Number/Name) 675304 / Aviation Resource Management System (ARMS)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ARTEMIS				
ARMS Program Assessment	1	2024	1	2024
ARMS Cloud Migration	2	2024	3	2024
ARTEMIS Integration Activities	1	2025	4	2030

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training				Project (Number/Name) 67A036 / Air Resource Tool Enterprise Mission Information System (ARTEMIS)			
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
67A036: Air Resource Tool Enterprise Mission Information System (ARTEMIS)	0.000	0.000	0.000	2.371	0.000	2.371	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2026, Program Element (PE) 0804743F, Other Flight Training (OFT), Project 675304, Aviation Resource Management Systems major thrust effort, Air Resource Tool Enterprise Mission Information System (ARTEMIS) transferred to PE 0804743F, OFT, Project 67A036, ARTEMIS to ensure greater transparency.

A. Mission Description and Budget Item Justification

Air Resource Tool Enterprise Mission Information System (ARTEMIS) will provide a cloud-based solution and ensure indefinite, secure integration w/existing operations systems. It will provide dashboards and data analytics support decision making for informing readiness assessments. The sustainment of these capabilities and the introduction of new capabilities follows an agile development process. The cloud environment provides the Continuous Integration and Continuous Deployment (CI/CD) pipeline required to constantly deliver software in and agile framework, following the required DevSecOps methodology.

The migration to the cloud environment and the DevSecOps methodology will transform ARMS into a scalable and flexible system capable of meeting all information requirements of the Aviation Resource Management community.

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

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.000 million is forecast for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: Aviation Resource Tool Enterprise Mission Information System (ARTEMIS)	-	-	2.371	-	2.371
Description: Software development to update antiquated Aircrew Resource Management System (ARMS) through new ARTEMIS effort, adding functionality and system interfaces.					
FY 2026 Base Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force				Date: June 2025	
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0804743F / <i>Other Flight Training</i>		Project (Number/Name) 67A036 / <i>Air Resource Tool Enterprise Mission Information System (ARTEMIS)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025
Modify and update current ARMS capabilities and deliver patches to correct system deficiencies via a Cloud One based platform (ARTEMIS) to include but not limited to integrating with other platforms, apply required upgrades and system design updates, configuration, test, and training. Continued software integration, deliver patches to correct system deficiencies via a Cloud One based platform (ARTEMIS) and software developmental activities. <i>FY 2025 to FY 2026 Increase/Decrease Statement:</i> Funding increased due to transfer of ARTEMIS effort from Project 675304 ARMS to Project 67A036, ARTEMIS for greater transparency.				FY 2026 Base	FY 2026 OOC
				FY 2026 Total	
Accomplishments/Planned Programs Subtotals				-	-
				2.371	-
				2.371	
C. Other Program Funding Summary (\$ in Millions)					
N/A					
Remarks					
D. Acquisition Strategy					
ARTEMIS utilizes Agile development methodologies to incrementally develop and field enhancements to the existing system. The ARMS PMO utilizes contract programmers for code development/sustainment and government civilians providing program management, engineering, and information technology support. The DAF has partnered with the USAF Business Enterprise Systems (BES) Directorate's Business Enterprise Systems Programming Innovation (BESPIN) office to acquire contractor resources that are experts at agile software development in a cloud environment. BESPIN has acquired current contractor support via Section 8a direct award using the United States Digital Services guide and templates on agile development which allowed for an agile acquisition.					

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training				Project (Number/Name) 67A036 / Air Resource Tool Enterprise Mission Information System (ARTEMIS)					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ARTEMIS Software Development	Various	Deloitte : Arlington, VA	-	-		-		2.371	Jan 2026	-		2.371	-	-	-
Subtotal			-	-		-		2.371		-		2.371	-	-	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			-	-		-		2.371		-		2.371	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7			R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training		
			Project (Number/Name) 67A036 / Air Resource Tool Enterprise Mission Information System (ARTEMIS)		

	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
ARTEMIS Integration Activities																												
ARTEMIS Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0804743F / Other Flight Training	Project (Number/Name) 67A036 / Air Resource Tool Enterprise Mission Information System (ARTEMIS)

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ARTEMIS Integration Activities				
ARTEMIS Development	1	2026	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0901202F I Joint Personnel Recovery Agency							
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	0.000	2.158	2.320	2.080	0.000	2.080	-	-	-	-	-	-
675196: Joint Technology Exploitation	0.000	2.158	2.320	2.080	0.000	2.080	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funding supports development of innovative capabilities to address Personnel Recovery in Large Scale Combat Operations, Multi-Domain Operations and anti-access/area denial environments for Combatant Commanders and the Services. Joint personnel Recovery Agency [JPRA] developmental efforts address Personnel Recovery capability gaps and shortfalls identified in the Personnel Recovery Initial Capabilities Document approved by the Joint Requirements Oversight Council memorandum 120-12 on 8 Aug 2012, and subsequent supporting documents approved in the Joint Capabilities Integration Development System. Activities include funding for research and development, support equipment, contract services and all associated costs specifically identified to support the JPRA headquarters Ft. Belvoir, VA and other agency operating locations.

Development and transition to sustainment of an enterprise level information data system [Personnel Recovery Information Data System [PRIDS] to enable DoD data management, analysis and collaboration. Funds also provide USAF Platform One/Cloud One housing for PRIDS. DODI 3002.1 directed JPRA capability.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 \$0.0M was expended for civilian pay expenses in this program element and in FY25 \$0.0M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0901202F I Joint Personnel Recovery Agency					
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total	
Previous President's Budget		2.266	2.320	2.380	0.000	2.380	
Current President's Budget		2.158	2.320	2.080	0.000	2.080	
Total Adjustments		-0.108	0.000	-0.300	0.000	-0.300	
• Congressional General Reductions		0.000	0.000				
• Congressional Directed Reductions		0.000	0.000				
• Congressional Rescissions		0.000	0.000				
• Congressional Adds		0.000	0.000				
• Congressional Directed Transfers		0.000	0.000				
• Reprogrammings		0.000	0.000				
• SBIR/STTR Transfer		0.000	0.000				
• Other Adjustments		-0.108	0.000	-0.300	0.000	-0.300	
C. Accomplishments/Planned Programs (\$ in Millions)					FY 2024	FY 2025	FY 2026
Title: Personnel Recovery Information Data System [PRIDS]					2.158	2.320	2.080
Description: Development of the Personnel Recovery Information Data System							
FY 2025 Plans: Continue to work an enterprise level information data system Personnel Recovery Information Data System [PRIDS] to enable DoD data management, analysis and collaboration.							
FY 2026 Plans: Continue expanding on the FY25 work towards an enterprise level information data system Personnel Recovery Information Data System [PRIDS] to enable DoD data management, analysis and collaboration.							
FY 2025 to FY 2026 Increase/Decrease Statement: Funding increased due to inflation							
Accomplishments/Planned Programs Subtotals					2.158	2.320	2.080
D. Other Program Funding Summary (\$ in Millions) N/A							
Remarks							
E. Acquisition Strategy Projects will leverage existing program contracts. In the rare instance where a contract does not already exist, contracts will be awarded through full and open competition.							

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901202F / Joint Personnel Recovery Agency				Project (Number/Name) 675196 / Joint Technology Exploitation					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Common Distress Reporting System	SS/TBD	AFLCMC/HBZ : Huntington Beach, CA	-	1.016	Mar 2024	1.097	Mar 2025	0.987	Mar 2026	-		0.987	-	-	-
Collaborative Personnel Recovery Planning Systems & PR Capabilities Development	Various	Various : NV	-	1.142	Mar 2024	1.223	Mar 2025	1.093	Mar 2026	-		1.093	-	-	-
Subtotal			-	2.158		2.320		2.080		-		2.080	-	-	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			-	2.158		2.320		2.080		-		2.080	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force												Date: June 2025					
Appropriation/Budget Activity 3600 / 7								R-1 Program Element (Number/Name) PE 0901202F / Joint Personnel Recovery Agency						Project (Number/Name) 675196 / Joint Technology Exploitation			

	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
Personnel Recovery Information Data System																												
Common Distress Reporting System																												
Optimal Search Study																												
Collaborative Personnel Recovery planning systems																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901202F / Joint Personnel Recovery Agency	Project (Number/Name) 675196 / Joint Technology Exploitation

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Personnel Recovery Information Data System				
Common Distress Reporting System	1	2024	4	2028
Optimal Search Study	1	2024	4	2028
Collaborative Personnel Recovery planning systems	1	2024	4	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					PE 0901218F I Civilian Compensation 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
Total Program Element	0.000	3.703	4.267	4.355	0.000	4.355	-	-	-	-	-	-
674139: Civilian Compensation Program	0.000	3.703	4.267	4.355	0.000	4.355	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This program element provides for payment of civilian compensation benefits for disability due to personal injury sustained while in the performance of duty or due to employment-related disease according to the Federal Employees Compensation Act [FECA] under Title 5 U.S.C., Chapter 81. The Department of Labor [DOL] administers this program and charges the Department of the Air Force for its employee costs; therefore, this is a MUST PAY bill for Air Force. The Program Element[PE] excludes manpower authorizations and costs. This PE is in Budget Activity 7 in support of payment of civilian compensation benefits for disability due to personal injury sustained while in the performance of duty or due to employment-related disease according to FECA under Title 5 U.S.C., Chapter 81.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2023 \$0 was expended for civilian pay expenses in this program element, and in FY2024 \$0 is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	4.006	4.267	4.369	0.000	4.369
Current President's Budget	3.703	4.267	4.355	0.000	4.355
Total Adjustments	-0.303	0.000	-0.014	0.000	-0.014
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.303	0.000			
• Other Adjustments	0.000	0.000	-0.014	0.000	-0.014

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901218F <i>I Civilian Compensation Program</i>			
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Civilian Compensation Description: Program compensates employees assigned to RDT&E facilities for work-related injuries or occupational diseases. FY 2025 Plans: Continue to provide compensation to employees assigned to RDT&E facilities for work-related injuries or occupational diseases, and implement services to expedite the return of employees back to work. FY 2026 Plans: Input (New language): We will meet Federal Employees' Compensation Act (FECA) requirements to provide compensation benefits to civilian employees who are injured or become ill while performing their duties. RDT&E funds are required for employees in RDT&E occupational series and working at RDT&E facilities. FY 2025 to FY 2026 Increase/Decrease Statement: The funding increase is inflation to continue support for employees in RDT&E occupational series and working at RDT&E facilities.		3.703	4.267	4.355
Accomplishments/Planned Programs Subtotals		3.703	4.267	4.355
D. Other Program Funding Summary (\$ in Millions) N/A Remarks E. Acquisition Strategy Not Applicable.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901218F / Civilian Compensation Program						Project (Number/Name) 674139 / Civilian Compensation Program			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Continue development of compensation plan	RO	AF/A1 : Pentagon, DC	-	3.703	Apr 2024	4.267	Apr 2025	4.355	Apr 2026	-		4.355	-	-	-
Subtotal			-	3.703		4.267		4.355		-		4.355	-	-	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			-	3.703		4.267		4.355		-		4.355	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0901218F / Civilian Compensation Program		Project (Number/Name) 674139 / Civilian Compensation Program	

	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
Civilian Compensation Program																												
Compensation program																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901218F / Civilian Compensation Program	Project (Number/Name) 674139 / Civilian Compensation Program

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Civilian Compensation Program				
Compensation program	1	2024	4	2027

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901220F / <i>Personnel Administration</i>

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	0.000	3.559	3.163	2.766	0.000	2.766	-	-	-	-	-	-
675194: <i>Force Development Transformation</i>	0.000	3.559	3.163	2.766	0.000	2.766	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Force Development Transformation program contains two independent DAF initiatives addressing vital personnel issues: Personnel Services Delivery and the Total Integration Mobilization Execution System.

Personnel Services Delivery:

Personnel Services Delivery (PSD), under the Personnel Administration program, funds operational developments necessary to acquire, field, and modify business processes to transform the delivery of Human Resources (HR) capabilities through the structured redesign of the Total Force Personnel Community's people (Active Duty, Reserve, Guard, and Civilians), processes, and technologies. PSD Transformation fundamentally shifts the way personnel services are provided, transitioning from primarily face-to-face interactions with a personalist to a tiered model with services delivered through online self-service, contact centers, and reduced in-person interactions. PSD supports the migration of legacy applications and other information technologies from on premises data centers to a more sustainable cloud-based hosting solution and flexible services-based architecture as defined by the Defense Enterprise Service Management Framework (DESMF). In addition, funds will be used to perform studies and innovative integration efforts for common technology capabilities such as cloud migration, technology development, and mobile application. The FY 2026 request for PSD includes 1,735 thousand of discretionary and 0 thousand of mandatory (reconciliation) for a total of 1,735 thousand. The mandatory funds procure an additional 0 PSD systems in FY 2026. Further information for this reconciliation request is provided in Chapter 5 of the Reconciliation Exhibit.

Total Integration Mobilization Execution System:

The Total Integrated Mobilization Execution System is the Department of the Air Force's cloud-based system of record to mobilize Air Reserve Component (ARC) forces to perform operational and institutional missions in support of the active component. TIMES collects and prioritizes global ARC utilization requirements, generates mobilization authorizations, and automates and synchronizes the ARC utilization process to rapidly generate capability, increase lethality, and enable predictive analytics and data-driven decision making. The Air Force cannot execute the Secretary of Defense's national security priorities without mobilizing the forces and capabilities in the ARC. Approximately 35-40% of the Combatant Command requirements that are tasked to the Air Force are filled by ARC forces.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability; The use of such programs funds would be in addition to the civilian pay expenses budgeted in program elements 0605829F, 0605831F, 0605833F, 0605898F. In FY 2024 and FY 2025, 0.000M

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025					
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0901220F I Personnel Administration						
was expended for civilian pay expenses in this program element, and in FY 2026 0.000M is forecasted for civilian pay expenses in this program element. AF/A3OD did POM for two GS-14 positions in recent data calls.								
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.								
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total		
Previous President's Budget		3.078	3.163	3.243	0.000	3.243		
Current President's Budget		3.559	3.163	2.766	0.000	2.766		
Total Adjustments		0.481	0.000	-0.477	0.000	-0.477		
• Congressional General Reductions		0.000	0.000					
• Congressional Directed Reductions		0.000	0.000					
• Congressional Rescissions		0.000	0.000					
• Congressional Adds		0.000	0.000					
• Congressional Directed Transfers		0.000	0.000					
• Reprogrammings		0.481	0.000					
• SBIR/STTR Transfer		0.000	0.000					
• Other Adjustments		0.000	0.000	-0.477	0.000	-0.477		
Change Summary Explanation								
The FY 2026 request was reduced by \$0.477 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."								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Title: PSD - Human Resource Systems (HRS) Transition				2.231	2.153	1.735	0.000	1.735
Description: The HRS Transition supports the DAF Human Resources Digital Transformation initiative by identifying and documenting human resource legacy systems for modernization, transition and/or decommission; supporting the consolidation of human resource legacy applications and other information technologies utilizing Commercial-off-the-Shelf (COTS) solutions, Agile incremental delivery, and rapid prototyping; ensuring solutions utilize a flexible services-based architecture as defined by the DoD Enterprise Service Management Framework (DESMF); executing risk reduction activities, prototyping, and developing solutions to update or replace legacy human resource systems.								
FY 2025 Plans:								

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0901220F I Personnel Administration				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Continue migrating applications to the Human Capital Management (HCM) Cloud - Support all aspects of engineering, including software and systems engineering, requirements analysis, configuration management, and database administration - Continue to Build additional required boundary cloud access point (BCAP) integrations and connections FY 2026 Base Plans: - Will complete migration of OATS application and continue migrating additional applications to the HCM Cloud - Will support all aspects of engineering, including software and systems engineering, requirements analysis, configuration management, and database administration - Will continue to Build additional required boundary cloud access point (BCAP) integrations and connections FY 2026 OOC Plans: No OCO funds for PSD. FY 2025 to FY 2026 Increase/Decrease Statement: Decrease due to reduction in Advisory and Assistance Services.						
Title: TIMES Development Description: The Total Integrated Mobilization Execution System is the Department of the Air Force's cloud-based system of record to mobilize Air Reserve Component (ARC) forces to perform operational and institutional missions in support of the active component. TIMES collects and prioritizes global ARC utilization requirements, generates mobilization authorizations, and automates and synchronizes the ARC utilization process to rapidly generate capability, increase lethality, and enable predictive analytics and data-driven decision making. The Air Force cannot execute the Secretary of Defense's national security priorities without mobilizing the forces and capabilities in the ARC. Approximately 35-40% of the Combatant Command requirements that are tasked to the Air Force are filled by ARC forces. FY 2025 Plans: Add increased capability to TIMES by integrating with the Guard and Reserve orders writing systems and expanding the ability to source capable and qualified members from across the force to match with mission requirements. Examples of lines of effort include: - Improve on all live applications based on user feedback - Establish automated interfaces with the orders writing systems (AROWS and AROWS-R) -Interface with Deliberate and Crisis Action Planning and Execution Segments (DCAPES) for secure and automated data sharing		1.328	1.010	1.031	-	1.031

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025			
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>			R-1 Program Element (Number/Name) PE 0901220F <i>I Personnel Administration</i>				
C. Accomplishments/Planned Programs (\$ in Millions)							
			FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
- Develop TIMES Tour of Duty equivalent, solicit user feedback, and field capability FY 2026 Base Plans: Add increased capability to TIMES by integrating with the Guard and Reserve orders writing systems and expanding the ability to source capable and qualified members from across the force to match with mission requirements. Examples of lines of effort include: - Improve on all live applications based on user feedback - Establish automated interfaces with the orders writing systems (AROWS and AROWS-R) -Interface with Deliberate and Crisis Action Planning and Execution Segments (DCAPES) for secure and automated data sharing - Develop TIMES Tour of Duty equivalent, solicit user feedback, and field capability FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflation							
Accomplishments/Planned Programs Subtotals			3.559	3.163	2.766	0.000	2.766
D. Other Program Funding Summary (\$ in Millions) N/A							
Remarks							
E. Acquisition Strategy PSD: Personnel Services Delivery employs an evolutionary acquisition strategy to deliver incremental Information Technology and Human Resources capabilities with development contracts that are awarded in a competitive environment. Technology demonstrations will be used to reduce technology risks, assess Commercial-Off-The-Shelf (COTS) products, and produce technology insertion and migration strategies. In 2022, the government conducted a Full and Open competition for Human Resources System Technical Support and awarded a contract to provide PSD with development and test/technical support. Air Force Program Executive Officer (PEO) for Business and Enterprise Systems (AFPEO BES) is the PEO and Milestone Decision Authority (MDA) for PSD. Air Force Life Cycle Management Center (AFLCMC) is the contracting authority for the PSD Program and provides contracts, legal and comptroller support.							
TIMES: The agile system acquisition within the Platform One, Cloud One, and ODIN contracts and inherited security for cloud hosting and DevSecOps environment is generating speed and security. The development team are sending application developments from stage to production in weekly intervals and offers.							

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901220F / Personnel Administration				Project (Number/Name) 675194 / Force Development Transformation					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSD: HRS Transition HCM Phase 2	C/Various	AST, LLC : San Antonio, TX	-	2.180	Nov 2023	0.211	Oct 2024	-		-		-	-	-	-
PSD: HRS Transition HCM Phase 3	C/Various	Various : San Antonio, TX	-	-		1.123	Jun 2025	1.185	Nov 2025	-		1.185	-	-	-
PSD: Licenses	C/FP	Various : Various	-	0.114	May 2025	0.114	May 2025	0.114	May 2026	-		0.114	-	-	-
TIMES: System Developer	SS/FFP	MKGCS, LLC : Herndon, VA	-	1.002	Jun 2024	0.945	Jun 2025	0.964	Jun 2026	-		0.964	-	-	-
TIMES: Cloud Hosting	MIPR	Various : Various	-	0.062	Jun 2024	0.065	Jun 2025	0.067	Jun 2026	-		0.067	-	-	-
PSD: DISA Hosting	MIPR	DISA : Chambersburg, PA	-	0.022	Oct 2023	0.038	Oct 2024	0.036	Oct 2025	-		0.036	-	-	-
Subtotal			-	3.380		2.496		2.366		-		2.366	-	-	N/A
Remarks															
TIMES: Cloud Hosting is comprised of three elements - Platform One (AF/AFLCMC), Cloud One (AF/AFLCMC), and ODIN (AF/A2/6)															
Support (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSD: Engineering, Professional, and Administrative Support Services (EPASS)	C/CPFF	Torch : Huntsville, AL	-	0.163	Mar 2024	0.530	Mar 2025	0.300	Mar 2026	-		0.300	-	-	-
Subtotal			-	0.163		0.530		0.300		-		0.300	-	-	N/A
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PSD: Program Support Costs	Various	Various : Various	-	0.016	Dec 2023	0.137	Dec 2024	0.100	Dec 2025	-		0.100	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901220F / Personnel Administration				Project (Number/Name) 675194 / Force Development Transformation					
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	0.016		0.137		0.100		-		0.100	-	-	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			-	3.559		3.163		2.766		-		2.766	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901220F / <i>Personnel Administration</i>	Project (Number/Name) 675194 / <i>Force Development Transformation</i>	

	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
<i>Personnel Services Delivery (PSD)</i>																												
HRS Transition Phase 2 Contract award HCM and start application migration to the HCM Cloud																												
HRS Transition Phase 3 Contract award and complete application migration to HCM Cloud																												
<i>TIMES Development</i>																												
Optimize live modules based on user feedback																												
Sunset legacy ARCORT																												
Maintain Cloud Hosting environment and cybersecurity controls																												
Data integration with orders writing systems																												
Data integration with TRICARE, DEERS																												
Data integration with ASIMS, DMDC																												
Plan, develop, and Go live for TIMES Tour of Duty module																												
Sunset legacy volunteer sourcing tools																												
Connect TIMES to financial systems																												
Modernize TIMES database code to reduce license costs																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0901220F / Personnel Administration

Project (Number/Name)

675194 / Force Development Transformation

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Personnel Services Delivery (PSD)				
HRS Transition Phase 2 Contract award HCM and start application migration to the HCM Cloud	1	2024	2	2025
HRS Transition Phase 3 Contract award and complete application migration to HCM Cloud	3	2025	4	2030
TIMES Development				
Optimize live modules based on user feedback	1	2024	4	2028
Sunset legacy ARCORT	4	2024	1	2025
Maintain Cloud Hosting environment and cybersecurity controls	1	2024	4	2028
Data integration with orders writing systems	1	2024	1	2028
Data integration with TRICARE, DEERS	3	2026	1	2030
Data integration with ASIMS, DMDC	1	2027	3	2030
Plan, develop, and Go live for TIMES Tour of Duty module	3	2027	3	2029
Sunset legacy volunteer sourcing tools	2	2026	3	2026
Connect TIMES to financial systems	3	2027	3	2030
Modernize TIMES database code to reduce license costs	3	2026	3	2029

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901226F <i>I Air Force Studies and Analysis Agency</i>

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	0.000	0.875	9.941	14.761	0.000	14.761	-	-	-	-	-	-
676009: <i>M & S DEVELOPMENT</i>	0.000	0.875	9.941	14.761	0.000	14.761	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This program, BA 7, PE 0901226F, project 676009, Next-Generation Campaign Modeling Tool Suite Development, is a new start.

A. Mission Description and Budget Item Justification

The Office of Studies and Analysis (SAF/SA) leads strategic assessments of USAF and USSF contributions to Joint-all domain warfighting capabilities regarding current/future force structure, operational lethality, risk/issues and combat agility in military scenarios. The Secretary of the Air Force, Chief of Staff of the Air Force and Chief of Space Operations utilize these analytical assessments to inform Strategy, Planning, Programming, Budgeting, and Execution decisions regarding modernization, development, and procurement quantities of DAF weapon platforms to ultimately provide effective and affordable warfighting capabilities aligned with the National Defense Strategy. From nuclear modernization, autonomous collaborative combat aircraft, integrated missile/homeland/base defense, long range Joint kill-chains, SAF/SA provides a wide breadth of analytical insights enabling US decision overmatch through effective and affordable enterprise modeling, simulation and analysis (MS&A) capabilities. SAF/SA utilizes RDT&E funding to modernize and develop MS&A capabilities not just for SAF/SA use, but also as enterprise products used by the DoD, Joint Force, Intelligence Community, industry, academia, and Coalition Partners.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	5.309	18.937	19.500	0.000	19.500
Current President's Budget	0.875	9.941	14.761	0.000	14.761
Total Adjustments	-4.434	-8.996	-4.739	0.000	-4.739
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	-4.434	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	-8.996	-4.739	0.000	-4.739

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0901226F I Air Force Studies and Analysis Agency		
<u>Change Summary Explanation</u> 2024: (1) HAC-D Mark reduction of -4.4M. (2) Inflation factor added. 2025: (1) DoD Full Year Continuing Appropriations and Extension Act, 2025 reduction of -8.996M RDT&E. (2) 7.85M O&M reprogrammed via ZBT to RDT&E. An error resulted in an additional 7.85M O&M reprogrammed to RDT&E for a total of 15.7M ZBT'd in FY25. (3) Inflation factor added. 2026: (1) 7.85M RDT&E reprogrammed via ZBT to O&M correcting the FY25 error. (2) Increase of 3.461M for modernization of M&S campaign tools for Joint users. (3) Air Force reduction of -345k for higher priorities. (4) Inflation factor added.				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: Joint Modeling, Simulation and Analytics Gateway		-	1.509	1.659
Description: An enterprise digital platform providing common, reusable and interoperable enterprise funded modeling, simulation and analysis (MS&A) software tools, data and High Performance Computer resources for 40,000 DoD, Intelligence Community, academic, industry and coalition partner users collectively conducting operations, acquisition, test, training, and other functions at all classification levels. Funding builds upon FY24 prototype through enhancements and integration with other existing platforms into a larger Joint MS&A solution for effective and affordable information sharing. Development priorities are identified and prioritized by a Joint governance structure.				
FY 2025 Plans: Partner with the Navy and Intelligence Community to develop the FY24 prototype into a fieldable-initial operational capability available to users at the Unclassified level. Integrate the Gateway onto the Navy's Secret, TS, and TS/SCI hardware stacks and conduct beta testing. Mature DevSecOps software pipeline to develop solutions for gaps identified in FY24 prototype study pertaining to cyber security, Zero Trust Architecture, TS/SCI/SAP information technology hardware, network latency and identity/information authorization management. Begin integration with the Digital Materiel Management's LaunchPad platform linking simulations to modern engineering processes with authoritative data through a common identity management schema, graphic user interface, and common tools license server.				
FY 2026 Plans: Continue agile software development of CUI capabilities for deployment onto the Navy's hardware at Secret, TS, TS/SCI and SAP level environments. Integrate the Gateway onto the Navy's SAP hardware, conduct beta testing and address identified gaps. Achieve limited initial operational capability with Digital Material Management's LaunchPad platform. Begin integration with the Intelligence Community's Red Door digital platform for access to authoritative, common red threat data. Begin integration with Air Force Research Laboratory (AFRL) Digital Lab Environment (DLE) to link science and technology practices, processes to				

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0901226F / <i>Air Force Studies and Analysis Agency</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
collaborate. Develop information technology hardware required to enable Coalition Partner users access of the digital (AUKUS is the priority) platform capabilities.				
FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflation factor.				
Title: Analytical Framework for Simulation Integration and Modeling (AFSIM) Description: Delivers a government-owned simulation framework to conduct medium-fidelity / operational level live-virtual-constructive modeling, simulation, and analytic assessments of warfighting capabilities, strategies, concepts of operation, tactics, emerging technologies, and human system interfaces in the context of multi-domain military conflicts. AFSIM is the operational simulation tool of choice of 40,000 users/400 organization across the DoD, Intelligence Community, Joint, academic, industry and coalition partners (United Kingdom, Australia, Japan) informing development/modernization investment decisions on nearly every major USAF and USSF weapon system (Sentinel, B-21, F-35, F-22, Next-Generation Air Dominance, Collaborative Combat Aircraft, Low-Cost Cruise Missile, etc). FY 2025 Plans: Address gaps identified and prioritized by the Joint AFSIM governance structure. Leverage existing Integrated Missile Defense Study and Air-Base Air Defense analytic activities to develop Golden Dome box-set of common models, scenarios, and data. Establish an AFSIM model repository on the Joint Modeling and Simulation Gateway to provide users access. Enhance existing cyber effects representations and interactions. Integrate multi-fidelity electromagnetic spectrum framework based on Defense Advanced Research Programs prototype. Initiate integration of AFSIM with the Joint Simulation Environment to leverage extensive repository of authoritative red/blue constructive models to support advanced 5/6th generation training. FY 2026 Plans: Address gaps identified and prioritized by the Joint AFSIM governance structure. Continue development of Golden Dome/ Homeland Defense box-set of common models, scenarios, and data. Enhance space satellite Electro-Optical/Infra-Red multi-fidelity sensors, command and control capabilities, and other space-orbital warfare related capabilities. Transition Artificial Intelligence model/scenario assistance tool. Support one-way attack / autonomous UAV, collaborative combat aircraft, and advanced munitions. Continue FY25 effort AFSIM with the Joint Simulation Environment (JSE). Initiate development of AFSIM logistics and agile combat support capabilities based on FY25 Air Mobility Command's Modeling and Simulation Modernization Strategy. FY 2025 to FY 2026 Increase/Decrease Statement:		-	7.409	8.515

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0901226F <i>I Air Force Studies and Analysis Agency</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Increase due to OSD directing SAF/SA to establish AFSIM as an enterprise product available to Joint, academic, industry, and Coalition Partners. Funds will be used to develop: a standard "box-set" of Golden Dome models, enhanced electromagnetic spectrum model fidelity required for 5th/6th gen capabilities, and space orbital warfare capabilities.				
Title: Synthetic Theater Operations Research Model (STORM) Description: The DoD's analytic tool of choice for campaign level, constructive MS&A assessments of highly-contested military scenarios to understand strategic impacts of modernization and development of new military capabilities, science and technology investment tradeoffs, concepts of operations, and procurement quantities providing analytically driven insights on DoD military lethality and agility, Future Force Design, Airbase Defense, Missile Defense, Space Force structure, nuclear modernization, agile combat support, etc informing essentially every major DAF weapon platform modernization/development investment decision made by the SecAF, CSO and CSAF. STORM is also used by industry and coalition partners (South Korea, Türkiye, United Kingdom, Taiwan). SAF/SA executes STORM development activities and capabilities identified and prioritized by an OSD led Joint governance structure. FY 2025 Plans: Leverage 2024 Integrated Air and Missile Defense Study to address MS&A gaps to support Golden Dome/Homeland Defense and distribute to the Joint services. Develop STORM's high-altitude nuclear detonation effects models based on FY25 High-altitude Electro Magnetic Pulse effects study. Enhance FY24 space surveillance, command and control space capabilities required for Multi-domain military scenarios based on Space Warfare Analysis Center's Space Force Design efforts. Conduct market research and engage industry with historical experience to future force design and mission threads to identify capability gaps in campaign tools, MS&A infrastructure, and investment gaps. Develop early capability prototypes based on industry-informed, operationally relevant, technically viable solutions to deliver strategic campaign level analytics required for future problems sets. FY 2026 Plans: Continue efforts to enhance targetable space satellites from air/land/sea platforms required for FY26 SecAF/CSO space force structure investments decisions. Leverage 2025 Integrated Air and Missile Defense Study to address MS&A gaps to support Golden Dome / Homeland Defense analytics across the Joint services. Develop STORM's high-altitude nuclear detonation effects models based on 2025 High-altitude Electro Magnetic Pulse effects study. Continue to develop STORM capabilities based Joint governance structure: 1) develop over the horizon radar models Golden Dome analysis, 2) enhance space domain Air Moving Target Indicator (AMTI) capabilities for Long-range Kill Chains, 3) containerize STORM software for deployment on cloud High Performance Computers. FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflation factor.		0.779	0.576	0.634
Title: Airfield Damage-Assessment and Resiliency Model (AD-ARM)		0.096	0.447	0.492

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>		R-1 Program Element (Number/Name) PE 0901226F <i>I Air Force Studies and Analysis Agency</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Description: A prototype simulation tool developed to tactically assess agile combat support concepts in a highly-contested threat environment for analytics directly informed/informing 2024 OSD Protraction Strategic Portfolio Review, Future Force Design and Agile Combat Employment Concept of Operations efforts. Analytical insights to airbase combat sortie production are provided through multiple factors including runway/taxiway/parking area damage-repair capacity, aircraft ground attrition, fuel availability and transport, and airbase defense tradeoffs. FY 2025 Plans: Enhance portions of the original logic modules for airbase resources management, improved aircraft divert logic, additional aircraft types, reconfigurable fuel and munitions expenditures with threshold/objective rule sets. Add additional ground refueling networks with entity optimization behaviors. Improve database architecture of output data, add data filtering, and standardize data attributes. Development of a user-friendly graphical user interface that will allow use by analysis organization both in and outside the DoD. FY 2026 Plans: Leverage 2025 Generating Sorties Under Attack Study to identify development priorities. Develop cyber security solutions for deployment on government network. Increase imagery sensor model fidelity, integrate Geospatial Engineering features and attributes found in Contingency Basing Selection and Assessment. Integrate operating locations data (nodes to define ground surfaces, dimensional data runway, taxiway, and parking locations/spots). Add in additional bases located in INDOPACOM and CONUS regions for Golden Dome/Long-Range Kill Chain/Homeland Defense MS&A. Continue software containerization for deployment on cloud compute resources with access to DoD and non-DoD users. FY 2025 to FY 2026 Increase/Decrease Statement: Increase due to inflation factor.				
Title: Next-Generation Campaign Modeling Tool Suite Development Description: The Synthetic Theater Operations Research Model (STORM) has served as the campaign-level tool of choice for the Joint community informing service-level investment and COCOM operational planning decisions for over 20 years, but its software architecture is increasingly challenging to effectively model space, cyber, and electromagnetic spectrum domains in current/future Joint force operations. OSD designated SAF/SA as the Joint Service Lead to develop a next-generation campaign tool and infrastructure for OSD-wide model software development analytical assessments. A STORM replacement capability is required to deliver analytical overmatch in National Security Strategy, aligned to Golden Dome, future force designs, Long-Range Kill Chain, Homeland Defense, Space Orbital Warfare, and war-winning operational planning. FY 2025 Plans: Since funds are not programmed until FY26, no contracted efforts are expected in FY25. However, the DAF has revectorred existing STORM government support to jumpstart governance, acquisition planning, and requirements development in FY25.		-	0.000	3.461

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force							Date: June 2025				
Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0901226F <i>I Air Force Studies and Analysis Agency</i>						
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2024	FY 2025	FY 2026		
Identify a government lead to coordinate agreements to establish a Program Management Office (PMO) for acquisition activities in FY26. Support existing OSD led requirements development working group and draft a Plan of Action and Milestones (POAM) to inform acquisition strategy and plans outlining cost, schedule, performance, risks and issues. Identify, assess, and establish software development environments on the Joint Modeling, Simulation and Analytics Gateway.											
FY 2026 Plans: Fund civilian positions for PMO office. Develop and approve acquisition strategy aligned with OSD goals and objectives. Complete the requirements collection for the first spiral of software development and start collecting requirements for the second spiral. Award a contract to a system integrator to begin development activities. Enhance the unclassified agile software development environment on the Joint Modeling, Simulation and Analytics Gateway.											
FY 2025 to FY 2026 Increase/Decrease Statement: Increase for modernization of M&S campaign tools for Joint users.											
Accomplishments/Planned Programs Subtotals											
							0.875	9.941	14.761		
D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u> <u>Base</u>	<u>FY 2026</u> <u>OOB</u>	<u>FY 2026</u> <u>Total</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>FY 2030</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• RDTE 07 0901226F: <i>Air Force Studies and Analysis Agency</i>	0.875	9.941	-	-	-	-	-	-	-	-	-
Remarks N/A.											
E. Acquisition Strategy - Joint Modeling, Simulation and Analytics Gateway: current and future efforts utilize an existing contract. - AFSIM: a follow-on contract is expected to be awarded in 2026. - AD-ARM: current and future efforts utilize existing contract. - Next-Generation Campaign Modeling Tool Suite Development: a new contract acquisition is required and expected to be awarded in 2026.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901226F / Air Force Studies and Analysis Agency						Project (Number/Name) 676009 / M & S DEVELOPMENT			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	Various	Not specified. : NV	-	0.875	Mar 2024	9.941	Mar 2025	14.761	Mar 2026	-		14.761	-	-	-
Subtotal			-	0.875		9.941		14.761		-		14.761	-	-	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			-	0.875		9.941		14.761		-		14.761	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0901226F / Air Force Studies and Analysis Agency			Project (Number/Name) 676009 / M & S DEVELOPMENT

	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
Joint Modeling, Simulation and Analytics Gateway																												
Software Development																												
Analytical Framework for Simulation Integration and Modeling (AFSIM)																												
Software Development																												
Synthetic Theater Operations Research Model (STORM)																												
Software Development																												
Airfield Damage-Assessment and Resiliency Model (AD-ARM)																												
Software Development																												
Next-Generation Campaign Modeling Tool Suite Development																												
Software Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901226F / Air Force Studies and Analysis Agency	Project (Number/Name) 676009 / M & S DEVELOPMENT	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Joint Modeling, Simulation and Analytics Gateway</i>				
Software Development	1	2024	4	2030
<i>Analytical Framework for Simulation Integration and Modeling (AFSIM)</i>				
Software Development	2	2025	4	2030
<i>Synthetic Theater Operations Research Model (STORM)</i>				
Software Development	1	2024	4	2030
<i>Airfield Damage-Assessment and Resiliency Model (AD-ARM)</i>				
Software Development	1	2024	4	2030
<i>Next-Generation Campaign Modeling Tool Suite Development</i>				
Software Development	4	2026	4	2030

Note

Joint Modeling, Simulation and Analytic Gateway achieve IOC in first quarter 2025. FOC expected in third quarter 2026.

AFSIM follow on contract expected to be awarded fourth quarter 2025/1st quarter 2026.

Next-Generation Campaign Modeling Tool Suite Development contract expected to be awarded 4th quarter FY26

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force **Date:** June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>

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	0.000	4.093	5.634	3.982	0.000	3.982	-	-	-	-	-	-
675177: <i>Cost Estimating Modeling (CEM)</i>	0.000	4.093	5.634	3.982	0.000	3.982	-	-	-	-	-	-

Program MDAP/MAIS Code: N87

A. Mission Description and Budget Item Justification

This program element develops upgrades to existing financial management systems and development of cost estimating datasets, methods, and tools and knowledge-based studies. These upgrades are required to improve efficiencies in financial management and cost analysis. This program element also supports studies and analysis to improve future program planning and execution.

Cost Estimating Modeling (CEM) enhances Air Force and Space Force-wide cost estimating capabilities by developing current cost estimating datasets and methods and tools, data architectures/structures, and other cost estimating method/tool gap-filling initiatives. In collaboration with the OSD Cost Assessment Data Enterprise (CADE) project, the Department of Defense's (DoD) unified information system and initiative to collect, organize, store, and use contractor and acquisition data more efficiently, CEM products improve the quality, timeliness, and effectiveness of acquisition program cost estimates in support of Department of Air Force (DAF) and DoD acquisition decisions, programming and execution decisions, and Congressional mandates. The partnership between CEM and CADE is a leading example of a data initiative designed as a response to a Congressional-expressed desire for better outcomes in acquisition. CEM research places DAF datasets, analysis, estimating tools, and institutional knowledge availability at cost analyst's fingertips rather than relying on an inefficient, ad hoc, and decentralized development.

CEM ensures the DAF continuously improves cost estimating capabilities for broad cross-cutting areas, as well as specific weapon system types like aircraft, space and launch systems, missiles, and others. This project performs knowledge-based studies to include organizing complete datasets, analyzing historical data, and studying changing technologies/programmatic information to develop new estimating methods (e.g., statistical tools, cost estimating relationships) across hundreds of product work breakdown structure elements and functional cost elements. CEM delivers valuable datasets, methods, and analytical tools in support of higher quality/credible estimates required by statute and regulation allowing for more realistic cost-conscious decisions on over \$200 billion of critical warfighter capability.

Changing technologies, acquisition laws, policy directives, and initiatives drive the continuous requirement for revised cost estimating processes, methods, and tools. Critical policy requirements for which CEM research facilitates implementation and compliance are:

- Statute (e.g., Title 10, section 167; USC 3221, 3227, 4251, 4252, 4253, and 4328)
- Policy directives (DoDI 5000.73, DoDI 5000.74, DoDI 5000.75, DoDI 5000.80, DoDI 5000.85, DoDI 5000.87)
- FY2016/17/18/21 NDAA reports (PL 114-92/114-328/115-91/116-283) including provisions relating to Major Defense Acquisition Programs (Section 804 of the FY16 NDAA authorized rapid prototyping and rapid fielding of defense systems)
- Annual life-cycle cost estimation requirements
- Weapon System Acquisition Reform Act (WSARA) (provisions related to improving cost estimating quality and affordability analysis)

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0901538F I Financial Management Information Systems Development				
- Secretary of the Air Force acquisition excellence plans (priorities to improve cost estimating capability and affordability analysis) - Office of the Secretary of Defense policy (initiatives on enhanced trade-off analysis, affordability analysis, and cost reduction initiatives) This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2024 \$0.0 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.0 million is forecasted for civilian pay expenses in this program element. This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D. This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		4.279	5.634	5.776	0.000	5.776
Current President's Budget		4.093	5.634	3.982	0.000	3.982
Total Adjustments		-0.186	0.000	-1.794	0.000	-1.794
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		0.000	0.000			
• SBIR/STTR Transfer		-0.156	0.000			
• Other Adjustments		-0.030	0.000	-1.794	0.000	-1.794
Change Summary Explanation						
The FY 2024 funding was decreased in Other Adjustments due to FFRDC reduction.						
The FY2026 funding was decreased, realigning about \$1.1 million RDT&E from this program element to CIVPERS O&M (PE 0901212F), to bring data science skillsets in-house to overcome data protection and security governance for sensitive and proprietary information that limits contractor support.						
The FY 2026 request was reduced by about \$0.7 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."						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development				Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)			
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
675177: Cost Estimating Modeling (CEM)	0.000	4.093	5.634	3.982	0.000	3.982	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Cost Estimating Modeling (CEM) enhances Air Force and Space Force-wide cost estimating capabilities by developing current cost estimating datasets and methods and tools, data architectures/structures, and other cost estimating method/tool gap-filling initiatives. In collaboration with the OSD Cost Assessment and Program Evaluation (CAPE) Cost Assessment Data Enterprise (CADE) project, the Department of Defense's (DoD) unified information system and initiative to collect, organize, store, and use contractor and acquisition data more efficiently, CEM products improve the quality, timeliness, and effectiveness of acquisition program cost estimates in support of Department of Air Force (DAF) and DoD acquisition decisions, programming and execution decisions, and Congressional mandates. The partnership between CEM and CADE is a leading example of a data initiative designed as a response to a Congressionally expressed desire for better outcomes in acquisition. CEM research places DAF datasets, analysis, estimating tools, and institutional knowledge availability at analyst's fingertips rather than relying on an inefficient, ad hoc, and decentralized approach.

CEM ensures the DAF continuously improves cost estimating capabilities for broad cross-cutting areas, as well as specific weapon system types like aircraft, space and launch systems, missiles, and others. This project performs knowledge-based studies to include organizing complete datasets, analyzing historical data, and studying changing technologies/programmatic information to develop new estimating methods (e.g., statistical tools, cost estimating relationships) across hundreds of product work breakdown structure elements and functional cost elements. CEM delivers valuable datasets, methods, and analytical tools in support of higher quality/credible estimates required by statute and regulation allowing for more realistic cost-conscious decisions on over \$200 billion of critical war-fighter capability.

Changing technologies, acquisition laws, policy directives, and initiatives drive the continuous requirement for revised cost estimating processes, methods, and tools. Critical policy requirements for which CEM research facilitates implementation and compliance are:

- Statute (e.g., Title 10, section 167; USC 3221, 3227, 4251, 4252, 4253, and 4328)
- Policy directives (DoDI 5000.73, DoDI 5000.74, DoDI 5000.75, DoDI 5000.80, DoDI 5000.85, DoDI 5000.87)
- FY 2016/17/18/21 NDAA reports (PL 114-92/114-328/115-91/116-283) including provisions relating to Major Defense Acquisition Programs (Section 804 of the FY16 NDAA authorized rapid prototyping and rapid fielding of defense systems)
- Annual life-cycle cost estimation requirements
- Weapon System Acquisition Reform Act (WSARA) (provisions related to improving cost estimating quality and affordability analysis)
- Secretary of the Air Force acquisition excellence plans (priorities to improve cost estimating capability and affordability analysis)
- Office of the Secretary of Defense policy (initiatives on enhanced trade-off analysis, affordability analysis, and cost reduction initiatives)

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development	Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)		
0606398F. In FY 2024 \$0.0 million was expended for civilian pay expenses in this program element, and in FY 2025 \$0.0 million is forecasted for civilian pay expenses in this program element.				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: CEM		4.093	5.634	3.982
Description: Perform knowledge-based studies (KBS) — Develop/modernize cost datasets/databases, data collection process improvements, analysis to develop new estimating methods/tools (e.g., statistical and modeling tools, cost estimating relationships (CERs), schedule estimating relationships (SERs), technical estimating relationships (TERs)), and perform other gap filling studies for aircraft, UAVs, ballistic and tactical missiles, munitions, advanced electronics, aircraft modifications, ground stations and automated information systems, space systems, launch vehicles, and crosscutting areas.				
ACCOMPLISHMENTS: - Updated the plan and resource summaries to complete cost research across all Air Force weapon system commodities aligned to the SAF/FMC cost research plan. - Updated the aircraft systems engineering/ program management dataset. Analyzed data to develop cost estimating benchmark methods. - Updated the missile/munitions relational database/tool with detailed cost reports; updated the handbook summarizing these cost tools. - Developed payload and bus satellite sizing relationships accounting for recent technological trends, including commercial satellite data. - Collected cost, schedule, and technical data on resilient end-to-end ground systems and developed models to estimate the cost of these by cost elements such as software, hardware, and systems engineering/program management. - Developed through machine learning curated cost datasets and databases mapped into standard structures as part of the Cost Analysis Data Operating Model effort, per the SAF/FM Strategic Plan. - Worked with OSD CADE team to implement process improvements, and data design and structure requirements into the CADE system. - Assembled and analyzed data on the timing, drivers, and cost of upgrades to mission computers found in Air Force and Navy aircraft to inform future modernization planning and decision-making efforts. - Integrated finalized products into CADE system repository for sharing with the Air Force and DoD cost community.				
FY 2025 Plans: - Continue to develop and share curated datasets and databases mapped into standard structures for use by the cost analysis community.				

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025	
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025
- Scrape contract modifications data using scripts and prototyping this using large-language models. Employ this data to develop benchmarks to estimate the cost of engineering change orders in the development and production phases of acquisition programs. Ingest this data into a cloud-based solution and develop an application to generate data visualizations and other insights. - Update the dataset of contracts capturing cost growth as a function of time and identify potential drivers of cost growth phasing. Develop this into a model to predict a phasing profile accounting uniquely for contract cost growth. - Collect historical program data to fill gaps against defined data collection requirements from previous year efforts and integrate historical data collected into CADE system for central access to all DoD. - Continue to work with OSD CADE team to implement data design and structure requirements and visual analysis tool requirements into CADE system. - Conduct weekly reviews with technical/cost teams and quarterly contractor progress reviews with government cost community. FY 2026 Plans: - Will continue efforts in support of the Cost Analysis Data Operating Model by prioritizing capability gaps for future development and evaluating current CEM tools that would benefit by migration to an enterprise solution. - Will continue to collect historical program data to fill gaps against defined data collection requirements from previous year efforts and integrate historical data collected into CADE system for central access to all DoD. - Will direct research to develop integrated datasets with embedded CERs and benchmarks, but with structures that let cost analysts easily and quickly re-normalize data for specialized relationships and benchmarks. - Will initiate studies that are topical/timely or surface from prior research. - Will continue to work with OSD CADE team to implement data design and structure requirements as well as visual analysis tool requirements into CADE system. - Will conduct reviews with technical/cost teams and quarterly contractor progress reviews with entire government cost community. FY 2025 to FY 2026 Increase/Decrease Statement: The FY2026 funding was decreased, realigning about \$1.1 million RDT&E from this program element to CIVPERS O&M (PE 0901212F), to bring data science skillsets in-house to overcome data protection and security governance for sensitive and proprietary information that limits contractor support. The FY 2026 request was reduced by about \$0.7 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."			
Accomplishments/Planned Programs Subtotals		4.093	5.634
		3.982	

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / <i>Financial Management Information Systems Development</i>	Project (Number/Name) 675177 / <i>Cost Estimating Modeling (CEM)</i>
C. Other Program Funding Summary (\$ in Millions) N/A Remarks N/A D. Acquisition Strategy The CEM program performs studies to continuously develop updated cost datasets/databases and estimating methods and tools, data architectures/structures, and gap filling initiatives. Knowledge-based studies are organized by those that span all acquisition initiatives as well as by the following weapon system types: manned aircraft, UAVs, ballistic missiles, tactical missiles, munitions, electronics and aircraft modifications, ground stations and automated information systems, and space systems and launch vehicles. The DAF's CEM collaboration with the OSD CADE information system and the design objectives for the DAF Cost Analysis Data Operating model provide enhanced and current data/analysis/methods/tools and institutional knowledge at the analyst's fingertips versus an inefficient, ad hoc, and decentralized approach. CEM contracts are firm-fixed price, cost plus, or hybrid as a combination of fixed price and cost plus, and are awarded through full and open competition following Federal Acquisition Regulation (FAR) guidelines. The DAF provides contract management oversight and direction. Contracted knowledge-based studies progress will be reviewed on a quarterly basis and adjusted as appropriate.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development						Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CEM - CADE System Development/Cost Studies	MIPR	OSD(CAPE) : Pentagon, VA	0.000	2.001	Feb 2024	2.544	Feb 2025	1.942	Feb 2026	-		1.942	-	-	-
CEM - Other Knowledge-Based Studies	MIPR	Various : Various	0.000	0.050	Nov 2023	0.744	Jan 2025	0.050	Oct 2025	-		0.050	-	-	-
Cost Estimating Modeling (CEM) Development	C/Various	Tecolote Research / TBD : Goleta, CA	0.000	2.042	Sep 2024	2.346	Sep 2025	1.990	Sep 2026	-		1.990	-	-	-
Subtotal			0.000	4.093		5.634		3.982		-		3.982	-	-	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			0.000	4.093		5.634		3.982		-		3.982	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development		Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)	

	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
CEM																												
Commodity Specific Knowledge-Based Studies (KBS)																												
Populate Data Templates w/ Commodity Specific KBS findings (ongoing)																												
Develop CERs/Estimating Tools/Models																												
Data / CERs / Tools / Models Deliverables (Feb 2024)																												
Data / CERs / Tools / Models Deliverables (Sept 2024)																												
Data / CERs / Tools / Models Deliverables (Feb 2025)																												
Data / CERs / Tools / Models Deliverables (Sept 2025)																												
Data / CERs / Tools / Models Deliverables (Feb 2026)																												
Data / CERs / Tools / Models Deliverables (Sept 2026)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force			Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901538F / Financial Management Information Systems Development	Project (Number/Name) 675177 / Cost Estimating Modeling (CEM)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CEM				
Commodity Specific Knowledge-Based Studies (KBS)	1	2024	4	2026
Populate Data Templates w/ Commodity Specific KBS findings (ongoing)	1	2024	4	2026
Develop CERs/Estimating Tools/Models	1	2024	4	2026
Data / CERs / Tools / Models Deliverables (Feb 2024)	2	2024	2	2024
Data / CERs / Tools / Models Deliverables (Sept 2024)	4	2024	4	2024
Data / CERs / Tools / Models Deliverables (Feb 2025)	2	2025	2	2025
Data / CERs / Tools / Models Deliverables (Sept 2025)	4	2025	4	2025
Data / CERs / Tools / Models Deliverables (Feb 2026)	2	2026	2	2026
Data / CERs / Tools / Models Deliverables (Sept 2026)	4	2026	4	2026

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>							
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	0.000	48.412	57.689	38.942	0.000	38.942	-	-	-	-	-	-
675178: <i>Def Enter Acct Mgt Sys (Deams) Incr 2</i>	0.000	48.412	57.689	38.942	0.000	38.942	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

DEAMS, an Enterprise Resource Planning (ERP) program built upon the commercial-off-the-shelf (COTS) solution Oracle e-Business Suite (EBS), provides a modern accounting and finance management capability with robust auditability at its core. As the Department of the Air Force's (DAF) existing core accounting and financial management solution, DEAMS represents a key component of the DAF's long-term business process improvements, addressing the Secretary of Defense's (SECDEF) priority for auditability and is the essential tool for ensuring the DAF's alignment with the SECDEF's vision for a more efficient and effective military. By providing accurate financial data, strengthening internal controls, and facilitating auditability, DEAMS empowers the DAF to meet its financial reporting obligations, maintain public trust, and ultimately contribute to a stronger national defense.

Additionally, this program element uses critical financial data to enhance future program planning and execution and will provide greater transparency to defense spending, making it easier to track how funds are being used and identify potential areas for savings. This increased accountability aligns with the SECDEF's call for a clean Pentagon audit and ensures the responsible use of taxpayer dollars.

FY2026 funding will support continued capability development and functionalities within the system. This includes ongoing efforts to achieve an unqualified System and Organization Controls (SOC) audit opinion, ensuring compliance with audit and transparency requirements. Funding will also enhance data integrity and automation by evolving the Treasury Direct Disburse (TDD) capability to streamline interfund transactions. System integration and interoperability will be improved by integrating Acquisition Management System (AMS) and Foreign Military Sales (FMS) accounting systems with DEAMS for improved financial visibility and reconciliation. Funding will also be used to modernize technology by upgrading the Oracle e-Business Suite (EBS) and the Oracle Analytic Server (OAS). These upgrades will enhance system performance, security, and scalability, enabling DEAMS to remain a relevant and auditable accounting system.

The FY2026 funding also supports the development of the system by continuing to enhance the functionality of the logistics, payroll, asset accounting, budget distribution and personnel travel management systems creating an enterprise-wide system for seamless data flow and better tracking of resources and more accurate financial reporting.

This program element replaces numerous inefficient and/or obsolete legacy systems with a single, integrated platform that standardizes financial data across the DAF. The streamlined approach ensures data consistency and accuracy, critical for reliable financial reporting and informed decision-making.

This program element supports the current 17,000 users across all United States Air Force (USAF) and United States Space Force (USSF) bases worldwide, serving all Air Force and Space Force Major Commands, and Unified Commands where the DAF acts as the executive agent. The DAF will deploy DEAMS to the acquisition

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force				Date: June 2025		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)				
3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		PE 0901554F I Defense Enterprise Acntng and Mgt Sys (DEAMS)				
community to include acquisition program executive offices, laboratories, test centers, and air logistics complexes. These deployments will add an additional 4,500 users for a total of 21,500 users.						
DEAMS is compliant with the Clinger-Cohen Act and the DoD's Business Enterprise Architecture (BEA). This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.						
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24, 0.867M was expended for civilian pay expenses in this program element, and in FY25, 1.301M is forecasted for civilian pay expenses in this program element.						
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.						
B. Program Change Summary (\$ in Millions)		FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget		45.925	57.689	47.553	0.000	47.553
Current President's Budget		48.412	57.689	38.942	0.000	38.942
Total Adjustments		2.487	0.000	-8.611	0.000	-8.611
• Congressional General Reductions		0.000	0.000			
• Congressional Directed Reductions		0.000	0.000			
• Congressional Rescissions		0.000	0.000			
• Congressional Adds		0.000	0.000			
• Congressional Directed Transfers		0.000	0.000			
• Reprogrammings		4.000	0.000			
• SBIR/STTR Transfer		-1.513	0.000			
• Other Adjustments		0.000	0.000	-8.611	0.000	-8.611
Change Summary Explanation						
In FY 2024, budget request was increased by \$4.000M for a below-threshold reprogramming (BTR) to support audit compliance.						
The FY 2026 budget request was reduced by \$8.611M 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."						

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)				Project (Number/Name) 675178 / Def Enter Acct Mgt Sys (Deams) Incr 2			
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
675178: Def Enter Acct Mgt Sys (Deams) Incr 2	0.000	48.412	57.689	38.942	0.000	38.942	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

DEAMS, an Enterprise Resource Planning (ERP) program built upon the commercial-off-the-shelf (COTS) solution Oracle e-Business Suite (EBS), provides a modern accounting and finance management capability with robust auditability at its core. As the Department of the Air Force's (DAF) existing core accounting and financial management solution, DEAMS represents a key component of the DAF's long-term business process improvements, addressing the Secretary of Defense's (SECDEF) priority for auditability and is the essential tool for ensuring the DAF's alignment with the SECDEF's vision for a more efficient and effective military. By providing accurate financial data, strengthening internal controls, and facilitating auditability, DEAMS empowers the DAF to meet its financial reporting obligations, maintain public trust, and ultimately contribute to a stronger national defense.

Additionally, this program element uses critical financial data to enhance future program planning and execution and will provide greater transparency to defense spending, making it easier to track how funds are being used and identify potential areas for savings. This increased accountability aligns with the SECDEF's call for a clean Pentagon audit and ensures the responsible use of taxpayer dollars.

FY2026 funding will support continued capability development and functionalities within the system. This includes ongoing efforts to achieve an unqualified System and Organization Controls (SOC) audit opinion, ensuring compliance with audit and transparency requirements. Funding will also enhance data integrity and automation by evolving the Treasury Direct Disburse (TDD) capability to streamline interfund transactions. System integration and interoperability will be improved by integrating Acquisition Management System (AMS) and Foreign Military Sales (FMS) accounting systems with DEAMS for improved financial visibility and reconciliation. Funding will also be used to modernize technology by upgrading the Oracle e-Business Suite (EBS) and the Oracle Analytic Server (OAS). These upgrades will enhance system performance, security, and scalability, enabling DEAMS to remain a relevant and auditable accounting system.

The FY2026 funding also supports the development of the system by continuing to enhance the functionality of the logistics, payroll, asset accounting, budget distribution and personnel travel management systems creating an enterprise-wide system for seamless data flow and better tracking of resources and more accurate financial reporting.

This program element replaces numerous inefficient and/or obsolete legacy systems with a single, integrated platform that standardizes financial data across the DAF. The streamlined approach ensures data consistency and accuracy, critical for reliable financial reporting and informed decision-making.

This program element supports the current 17,000 users across all United States Air Force (USAF) and United States Space Force (USSF) bases worldwide, serving all Air Force and Space Force Major Commands, and Unified Commands where the DAF acts as the executive agent. The DAF will deploy DEAMS to the acquisition

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)	Project (Number/Name) 675178 / Def Enter Acct Mgt Sys (Deams) Incr 2		
community to include acquisition program executive offices, laboratories, test centers, and air logistics complexes. These deployments will add an additional 4,500 users for a total of 21,500 users.				
DEAMS is compliant with the Clinger-Cohen Act and the DoD's Business Enterprise Architecture (BEA). This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.				
This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program's funds would be in addition to the civilian pay expenses budgeted in program element 0605829F, 0605831F, 0605833F, 0605898F, 0606398F. In FY24, 0.869M was expended for civilian pay expenses in this program element, and in FY25, 0.689M is forecasted for civilian pay expenses in this program element.				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Title: DEAMS Continuous Capability Development (CCD) Product Development		48.412	57.689	38.942
Description: DEAMS CCD system capabilities are developed and enhanced through completion of iterative development cycles in accordance with an Agile software development strategy. Development activities include requirements analysis, design, build, test, implementation, data conversion, migration from legacy system as required, and the resolution of deficiency reports and defects.				
FY 2025 Plans:				
- Continue to release new capability into production using Agile methodology via established cadence				
- Continue to optimize performance by conducting tuning activities and removing unused code and interfaces				
- Continue to deploy fixes to address defects and user-identified problems				
- Continue to ensure system security and support the Risk Management Framework (RMF) through burn down of cyber vulnerabilities				
- Continue to improve system efficiency by supporting continuous processes for secure development and delivery of capabilities (DevOps) and posturing the production system architecture for cloud migration				
- Continue Treasury Direct Disbursing (TDD) grant and international payments				
- Integrate Audit Remediation and Capability Integration (ARCI) enterprise tools and solution				
- Start implementation of the Identity, Credential, and Access Management (ICAM) solution				
- Continue to make system improvements to obtain an unqualified System and Organizations Control (SOC) audit opinion				
FY 2026 Plans:				
- Will begin implementation of Treasury Direct Disburse (TDD) Interfund Collections				
- Will begin integration of Acquisition Management System (AMS) and Foreign Military Sales (FMS) accounting systems with DEAMS				
- Will begin data conversion on transferring active data from the General Accounting and Finance System (GAFS) to DEAMS				
- Will begin the Oracle e-Business Suite (EBS) and Oracle Analytic Server (OAS) upgrades				

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force									Date: June 2025		
Appropriation/Budget Activity 3600 / 7				R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)				Project (Number/Name) 675178 / Def Enter Acct Mgt Sys (Deams) Incr 2			
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026
- Will continue to develop and deploy additional user requirements, functionalities, and enhancements including integration with logistics, payroll, asset accounting, foreign military sales, budget distribution, and personnel travel management systems - Will continue to make system improvements to obtain an unqualified System and Organizations Control (SOC) audit opinion - Will begin data initiative for transfer of DEAMS data to Department of Defense and Air Force data repositories - Will continue to improve system efficiency by supporting continuous processes for secure development and delivery of capabilities (DevOps) - Will continue using Agile methodology via established cadence - Will continue to optimize performance by conducting tuning activities and removing unused code and interfaces while deploying fixes to address defects and user-identified problems - Will continue to ensure system security & support the Risk Management Framework (RMF) through continuous monitoring activities and burn-down of cyber vulnerabilities FY 2025 to FY 2026 Increase/Decrease Statement: The decrease in funding from FY25 to FY26 is driven by Contract Efficiencies to reduce contracts 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."											
Accomplishments/Planned Programs Subtotals									48.412	57.689	38.942
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
• OPAF 03 834470: Defense Enterprise Accounting & Mgt Sys	0.000	1.236	0.698	-	0.698	-	-	-	-	-	-
Remarks											
D. Acquisition Strategy											
The acquisition strategy develops and sustains capabilities in accordance with the selected Agile software implementation strategy and are prioritized by the associated Program and Functional Management Offices, deploying capability on a planned cadence and released on demand. Development activities include requirements analysis, design, build, test, data conversion, migration from legacy system as required, implementation into the DEAMS baseline, and the resolution of deficiency reports and defects. Sustainment activities include day-to-day operations and support, production environment management, and numerous system performance improvement initiatives. This strategy will enable continual enhancements and process improvements for the life of the system.											
The DEAMS program successfully awarded a firm-fixed price (FFP) Incr 2 Development Task Order for a one-year Base Period and four one-year Option Periods, with an optional 6-month extension of service (EOS) using FAR 16.505 Fair Opportunity using the U.S. Army Information Technology Enterprise Solution 3 Services											

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)	Project (Number/Name) 675178 / Def Enter Acct Mgt Sys (Deams) Incr 2
(ITES-3S) contract vehicle. The period of performance began September 2021 and ends June 2026. Early acquisition planning for the follow-on contract is underway with contract award in Q3 FY26. Program management for the DEAMS program is under direction of Program Executive Office (PEO) Defense Business Systems (DBS), located at Gunter Annex AFB, AL. The Air Force Life Cycle Management Center (AFLCMC) located at Wright Patterson AFB, OH provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)				Project (Number/Name) 675178 / Def Enter Acct Mgt Sys (Deams) Incr 2					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DEAMS: Rapid Acquisition-System Integrator	C/Various	CACI, Inc : Various	-	12.391	Jun 2024	18.366	Jun 2025	10.300	Jul 2026	-		10.300	-	-	-
DEAMS: SME Audit Support, General Ledger Reports and Analysis, Business Process Analysis, Master Data Conversion and Training Development	C/T&M	Kearney & Co P.C. / HD 0 : Various	-	10.550	Aug 2024	13.146	Feb 2025	8.460	Feb 2026	-		8.460	-	-	-
DEAMS: ERP Solution Architecture services	C/FP	DATS : Farmington Hills, MI	-	4.141	May 2024	5.509	May 2025	5.232	May 2026	-		5.232	-	-	-
DEAMS: Direct mission Support (Development, Integration Environments)	Various	DCIDS/ DCA/CATS/ BCSS : Various	-	10.574	May 2024	10.251	May 2025	4.132	Jun 2026	-		4.132	-	-	-
DEAMS: Oracle Software Solutions	Various	Various : Various	-	0.435	May 2024	0.383	May 2025	0.075	Jan 2026	-		0.075	-	-	-
DEAMS: ERP DBA Development and Support Services	C/FFP	DDCIT-DIS (DINE Sources) : Albuquerque, NM	-	4.650	Apr 2024	1.266	Nov 2024	1.282	Dec 2026	-		1.282	-	-	-
Subtotal			-	42.741		48.921		29.481		-		29.481	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DEAMS: Test Services from AFOTEC,(TBD) JITC, LDTO and other miscellaneous Test services	C/CPAF	Various : Various	-	0.762	Jul 2024	1.480	Jul 2025	1.185	Jul 2026	-		1.185	-	-	-
Subtotal			-	0.762		1.480		1.185		-		1.185	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 0901554F / Defense Enterprise Acntng and Mgt Sys (DEAMS)						Project (Number/Name) 675178 / Def Enter Acct Mgt Sys (Deams) Incr 2			
Management Services (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Support Costs (PSC) Other PMA	C/Various	Various : Various	-	4.909	Aug 2024	7.288	Dec 2024	8.276	Jan 2026	-		8.276	-	-	-
Subtotal			-	4.909		7.288		8.276		-		8.276	-	-	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			-	48.412		57.689		38.942		-		38.942	-	-	N/A
Remarks Decrease in funding between FY25 and FY26 is driven by the contract Efficiencies to reduce contracts 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."															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600 / 7		R-1 Program Element (Number/Name) PE 0901554F / <i>Defense Enterprise Acntng and Mgt Sys (DEAMS)</i>			Project (Number/Name) 675178 / <i>Def Enter Acct Mgt Sys (Deams) Incr 2</i>

	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
DEAMS CCD																												
G-Invoicing Requesting																												
Treasury Direct Disbursing grant and international Payments																												
AFIPPS Mil Pay Accrual/Receivables & Civ Pay																												
JOCAS, Logistics & Supply																												
Budget Distribution, Future TDY, PCS, TMS																												
Follow on contract award																												
Asset Accounting																												
ICAM/ARCI																												
G-Invoicing Servicing																												
Treasury Direct Disbursing interfund																												
Analytics Server Upgrade																												
Data Initiative and Conversions																												
Adversarial Testing/Cooperative Vulnerability & Penetration Testing																												
Acquisition Management System (AMS)																												
Foreign Military Sales (FMS)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force

Date: June 2025

Appropriation/Budget Activity

3600 / 7

R-1 Program Element (Number/Name)

PE 0901554F / Defense Enterprise Acntng
and Mgt Sys (DEAMS)

Project (Number/Name)

675178 / Def Enter Acct Mgt Sys (Deams)
Incr 2

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
DEAMS CCD				
G-Invoicing Requesting	1	2024	4	2025
Treasury Direct Disbursing grant and international Payments	1	2024	3	2025
AFIPPS Mil Pay Accrual/Receivables & Civ Pay	2	2024	2	2027
JOCAS, Logistics & Supply	2	2024	2	2027
Budget Distribution, Future TDY, PCS, TMS	1	2024	2	2028
Follow on contract award	2	2025	3	2026
Asset Accounting	2	2025	4	2026
ICAM/ARCI	2	2025	2	2027
G-Invoicing Servicing	4	2025	4	2026
Treasury Direct Disbursing interfund	4	2025	3	2026
Analytics Server Upgrade	2	2025	1	2027
Data Initiative and Conversions	1	2025	2	2028
Adversarial Testing/Cooperative Vulnerability & Penetration Testing	1	2026	2	2027
Acquisition Management System (AMS)	1	2026	2	2026
Foreign Military Sales (FMS)	3	2026	2	2028

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	PE 1201921F / <i>Service Support to STRATCOM - Space Activities</i>											
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	0.000	0.000	0.000	0.335	0.000	0.335	-	-	-	-	-	-
67A011: <i>Space Analysis and Application Development</i>	0.000	0.000	0.000	0.335	0.000	0.335	-	-	-	-	-	-

Note

This program, BA 7, PE 1201921F, project 67A011, Modeling and Simulation activities, is a new start.

All funding prior to FY26 had been transferred out of PE 1201921F with the standup of SPACECOM. FY26 funding was added to PE 1201921F in support of USSTRATCOM's Modeling and Simulation (M&S) activities. The intent is to have Command representation in M&S reform activities.

A. Mission Description and Budget Item Justification

Funds to support USSTRATCOM's Modeling and Simulation activities. The funding profile supports the following activities:

- Support OSD(CAPE) Analysis Working Group (AWG)-related Campaign M&S reform activities, to include attendance at working groups (WGs) and data calls.
- Support collection/development of Command M&S requirements and represent equities within WGs.
- Provide support for testing of capabilities, as applicable.
- Assist in tracking other Command/Department M&S and infrastructure-related activities for consistent messaging and coordination.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026 Base</u>	<u>FY 2026 OOC</u>	<u>FY 2026 Total</u>
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	0.335	0.000	0.335
Total Adjustments	0.000	0.000	0.335	0.000	0.335
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	0.335	0.000	0.335

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1201921F I Service Support to STRATCOM - Space Activities	
<u>Change Summary Explanation</u> Funds were allocated to USSTRATCOM beginning in FY26 to support Department Modeling and Simulation (M&S) activities - the purpose is to have CCMD representation in M&S reform activities.		

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 1201921F / Service Support to STRAT COM - Space Activities				Project (Number/Name) 67A011 / Space Analysis and Application 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
67A011: Space Analysis and Application Development	0.000	0.000	0.000	0.335	0.000	0.335	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note This program, BA 7, PE 1201921F, project 67A011, Modeling and Simulation activities, is a new start.												
A. Mission Description and Budget Item Justification Funds to support USSTRATCOM's Modeling and Simulation activities. The funding profile supports the following activities: -Support OSD(CAPE) Analysis Working Group (AWG)-related Campaign M&S reform activities, to include attendance at working groups (WGs) and data calls. -Support collection/development of Command M&S requirements and represent equities within WGs. -Provide support for testing of capabilities, as applicable. -Assist in tracking other Command/Department M&S and infrastructure-related activities for consistent messaging and coordination. This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY24 0M was expended for civilian pay expenses in this program element, and in FY25 0M is forecasted for civilian pay expenses in this program element.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2024	FY 2025	FY 2026	
Title: Modeling and Simulation activities									-	0.000	0.335	
Description: Support OSD(CAPE) Analysis Working Group (AWG)-related Campaign M&S reform activities, to include attendance at working groups (WGs) and data calls. -Support collection/development of Command M&S requirements and represent equities within WGs. -Provide support for testing of capabilities, as applicable. -Assist in tracking other Command/Department M&S and infrastructure-related activities for consistent messaging and coordination.												
FY 2025 Plans: N/A												
FY 2026 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 1201921F / Service Support to STRAT COM - Space Activities	Project (Number/Name) 67A011 / Space Analysis and Application Development		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Support OSD(CAPE) Analysis Working Group (AWG)-related Campaign M&S reform activities, to include attendance at working groups (WGs) and data calls.				
FY 2025 to FY 2026 Increase/Decrease Statement: FY2026 New Start				
Accomplishments/Planned Programs Subtotals		-	0.000	0.335
C. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
D. Acquisition Strategy Any new projects funded in this program will be awarded using competitive procedures to the maximum extent possible. Best value to the government selected contractors, universities, government facilities, federally funded research and development centers, laboratories, or other organizations				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 1201921F / Service Support to STRAT COM - Space Activities				Project (Number/Name) 67A011 / Space Analysis and Application Development					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Modeling and Simulation activities	C/Various	Multiple Gov/Civ Agencies : Schriever AFB, CO	-	-		-		0.335		-		0.335	-	-	-
Subtotal			-	-		-		0.335		-		0.335	-	-	N/A
Remarks Best value to the government selected contractors, universities, government facilities, federally funded research and development centers, laboratories, or other organizations															
			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			-	-		-		0.335		-		0.335	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 1201921F / Service Support to STRATCOM - Space Activities					67A011 / Space Analysis and Application Development			

	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
Modeling and Simulation activities																												
Support collection/development of Command M&S requirement																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 1201921F / Service Support to STRAT COM - Space Activities	Project (Number/Name) 67A011 / Space Analysis and Application Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Modeling and Simulation activities				
Support collection/development of Command M&S requirement	1	2026	4	2030

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force	Date: June 2025

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 1202140F / <i>Service Support to SPACECOM Activities</i>							
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	0.000	9.752	0.000	0.000	0.000	0.000	-	-	-	-	-	-
672486: <i>JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES</i>	0.000	8.010	0.000	0.000	0.000	0.000	-	-	-	-	-	-
67A011: <i>Space Analysis and Application Development</i>	0.000	1.742	0.000	0.000	0.000	0.000	-	-	-	-	-	-

Note
PE 1202140F transferred to PE 1206415F in FY25 for consolidated USSPACECOM RDT&E.

A. Mission Description and Budget Item Justification

The Space Analysis and Application Development program integrates space based effects into Department's 'Model of Record' for joint campaign analysis. Current modeling and simulation [M&S] models are inadequate to represent the contribution that U.S space capabilities make to the air, sea, and land fight and do not accurately portray current and future space threats. This line of effort integrates effects of space capabilities into mission and campaign-level M&S tools. Enhanced space M&S will enable the DoD to make informed decisions regarding the direction of U.S. Space Doctrine, Tactics, Techniques, Procedures, and Resource Decisions. The DoD requires the ability to conduct campaign-level analysis to quantify the holistic operational impacts of adversary space actions on military campaigns and U.S. global operations.

Navigation Warfare [NAVWAR] is deliberate defensive and offensive action to assure and prevent positioning, navigation, and timing [PNT] information through coordinated employment of space, cyberspace, and electronic warfare [EW] operations. Funds are used to create and maintain NAVWAR knowledge and ensure NAVWAR superiority across the DoD. IAW the most recent Unified Command Plan, USSPACECOM is responsible for [a] [U] Advocating for requirements and capabilities supporting NAVWAR operations and joint resilient PNT for the DoD, and [b] [U] Providing contingency and operations support to CCMDs for NAVWAR and joint resilient PNT planning. USSPACECOM will research, develop, test, assess and evaluate NAVWAR options IOT advocate across Services and the other CCMDs to achieve PNT overmatch. Funds are used to create and maintain NAVWAR knowledge. NAVWAR expertise is developed in part by execution of PNT Operational Field Assessments [POFAs] that assess Red and Blue PNT-related capabilities, limitations, and vulnerabilities. GYPSY POFA's are linked to Commander USSPACECOM's Joint Exercise Program [JEP] and nested within the Chairman's Exercise Program [CEP]and Combatant Commander's [CCMD] Tier 1 exercises [PACIFIC SENTRY AND AUSTERE CHALLENGE are examples] and provide operationally realistic threat-representative, PNT-contested environments for analytical assessment of air, ground, maritime, space & cyberspace mission capability. FORTUNE POFAs are PNT capability and vulnerability assessments associate with a Service exercise or mission event. PRISM POFAs encompass all other Operations, Actions, and Activities [OAAs] and other assessments to include evaluation of rapid innovative NAVWAR capabilities and/or solutions. Assessments inform materiel and non-materiel solutions, service acquisition decisions, capability gaps, intelligence gaps and tactics, techniques and procedures [TTP] development and implementation to mitigate effects on warfighter operations in the anticipated theater NAVWAR threat environments. JNWC assesses department wide PNT posture through the PNT Biennial assessment IAW DoDI 4650.08.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2026 Air Force			Date: June 2025		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 1202140F I Service Support to SPACECOM Activities			
This program element may include necessary civilian pay expenses required to manage, execute, and deliver Space Analysis and Application Development capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2023 \$0 was expended in this program element and in FY2024 \$0 is forecasted for civilian pay expenses in this program element.					
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.					
B. Program Change Summary (\$ in Millions)	FY 2024	FY 2025	FY 2026 Base	FY 2026 OOC	FY 2026 Total
Previous President's Budget	9.778	0.000	0.000	0.000	0.000
Current President's Budget	9.752	0.000	0.000	0.000	0.000
Total Adjustments	-0.026	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.026	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000
Change Summary Explanation					
PE 1202140F transferred to PE 1206415F in FY25 for consolidated USSPACECOM RDT&E.					

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities				Project (Number/Name) 672486 / JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES			
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
672486: JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES	0.000	8.010	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Navigation Warfare [NAVWAR] is deliberate defensive and offensive action to assure and prevent positioning, navigation, and timing [PNT] information through coordinated employment of space, cyberspace, and electronic warfare [EW] operations. Funds are used to create and maintain NAVWAR knowledge and ensure NAVWAR superiority across the DoD. IAW the most recent Unified Command Plan, USSPACECOM is responsible for [a] [U] Advocating for requirements and capabilities supporting NAVWAR operations and joint resilient PNT for the DoD, and [b] [U] Providing contingency and operations support to CCMDs for NAVWAR and joint resilient PNT planning. USSPACECOM will research, develop, test, assess and evaluate NAVWAR options IOT advocate across Services and the other CCMDs to achieve PNT overmatch. Funds are used to create and maintain NAVWAR knowledge. NAVWAR expertise is developed in part by execution of PNT Operational Field Assessments [POFAs] that assess Red and Blue PNT-related capabilities, limitations, and vulnerabilities. GYPSY POFA's are linked to Commander USSPACECOM's Joint Exercise Program [JEP] and nested within the Chairman's Exercise Program [CEP]and Combatant Commander's [CCMD] Tier 1 exercises [PACIFIC SENTRY AND AUSTERE CHALLENGE are examples] and provide operationally realistic threat-representative, PNT-contested environments for analytical assessment of air, ground, maritime, space & cyberspace mission capability. FORTUNE POFAs are PNT capability and vulnerability assessments associate with a Service exercise or mission event. PRISM POFAs encompass all other Operations, Actions, and Activities [OAAs] and other assessments to include evaluation of rapid innovative NAVWAR Capabilities and/or solutions. Assessments inform materiel and non-materiel solutions, service acquisition decisions, capability gaps, intelligence gaps and tactics, techniques and procedures [TTP] development and implementation to mitigate effects on warfighter operations in the anticipated theater NAVWAR threat environments. JNWC assesses department wide PNT posture through the PNT Biennial assessment IAW DoDI 4650.08.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In 2023 \$0 was expended for civilian pay expenses in the program element and in FY2024 \$0 is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2024	FY 2025	FY 2026
Title: PNT Operational Assessments	8.010	-	-
Description: The JNWC will investigate, operationally assess, and simulate current, emerging, and potential threats and mitigation strategies for denial of blue force PNT capabilities as well as preventing the hostile use of PNT information. Major Performers - Best value to the government selected contractors, universities, government facilities, federally funded research and development centers, laboratories, or other organizations.			

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force		Date: June 2025		
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities	Project (Number/Name) 672486 / JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2024	FY 2025	FY 2026
Accomplishments/Planned Programs Subtotals		8.010	-	-
C. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
D. Acquisition Strategy New contracts will be awarded using competitive procedures to the maximum extent possible.				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities						Project (Number/Name) 672486 / JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES			
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Position Navigation and Timing Operational Field Assessments	Various	Multiple, Kirtland AFB NM : Kirtland, NM	-	8.010	Oct 2023	-		-		-		-	-	-	-
Subtotal			-	8.010		-		-		-		-	-	-	N/A
Remarks Prior to the FY20 PB cycle, The Joint Navigation and Warfare Center (JNWC) was reported under PE 1201921F, WSC 672486. Beginning in FY20, the program will be reported under the newly created PE 1202140F, Service Support to U.S. SPACECOM Activities															
			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			-	8.010		-		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
3600 / 7					PE 1202140F / Service Support to SPACE COM Activities					672486 / JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES			

	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
Navigation Warfare (NAVWAR)																												
NAVWAR Operational Field Assessments - Continuing																												
Create / Maintain NAVWAR Knowledge - Continuing																												
NAVWAR Operational and CONOPS Events - Continuing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities	Project (Number/Name) 672486 / JOINT NAVWAR CENTER (JNWC) SPACE ACTIVITIES

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Navigation Warfare (NAVWAR)				
NAVWAR Operational Field Assessments - Continuing	1	2024	4	2028
Create / Maintain NAVWAR Knowledge - Continuing	1	2024	4	2028
NAVWAR Operational and CONOPS Events - Continuing	1	2024	4	2028

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Exhibit R-2A, RDT&E Project Justification: PB 2026 Air Force										Date: June 2025		
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities				Project (Number/Name) 67A011 / Space Analysis and Application 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
67A011: Space Analysis and Application Development	0.000	1.742	0.000	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Space Analysis and Application Development program integrates space based effects into Department's 'Model of Record' for joint campaign analysis. Current modeling and simulation [M&S] models are inadequate to represent the contribution that U.S space capabilities make to the air, sea, and land fight and do not accurately portray current and future space threats. This line of effort integrates effects of space capabilities into mission and campaign-level M&S tools. Enhanced space M&S will enable the DoD to make informed decisions regarding the direction of U.S. Space Doctrine, Tactics, Techniques, Procedures, and Resource Decisions. The DoD requires the ability to conduct campaign-level analysis to quantify the holistic operational impacts of adversary space actions on military campaigns and U.S. global operations.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2023 \$0 was expended for civilian pay expenses in the program element and in FY2024 \$0 is forecasted for civilian pay expenses in this program element.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2024	FY 2025	FY 2026
Title: Space Campaign Modeling and Simulation, Development/Modification/Verification/Validation	1.742	-	-
Description: Developed, modifies, verifies, and validates new models for Space mission areas and modifies existing models to portray new capabilities			
Accomplishments/Planned Programs Subtotals	1.742	-	-

C. Other Program Funding Summary (\$ in Millions)
N/A

Remarks

D. Acquisition Strategy
Any new projects funded in this program will be awarded using competitive procedures to the maximum extent possible.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2026 Air Force												Date: June 2025			
Appropriation/Budget Activity 3600 / 7						R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities				Project (Number/Name) 67A011 / Space Analysis and Application Development					
Product Development (\$ in Millions)				FY 2024		FY 2025		FY 2026 Base		FY 2026 OOC		FY 2026 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Model Space effects for two mission tasks and integrate into STORM for joint campaign analysis	C/CPAF	TBD : TBD	-	1.742	Oct 2023	-		-		-		-	-	-	-
Subtotal			-	1.742		-		-		-		-	-	-	N/A
Remarks															
Prior to the FY20 PB cycle, The Space Analysis and Application Development Program was reported under PE 1201921F, WSC 67A011. Beginning in FY20, the program will be reported under the newly created PE 1202140F, USSPACECOM															
			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			-	1.742		-		-		-		-	-	-	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2026 Air Force										Date: June 2025			
Appropriation/Budget Activity 3600 / 7					R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities					Project (Number/Name) 67A011 / Space Analysis and Application Development			

	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
Space Analysis Modeling and Simulation																												
Develop software and tools to model Red on Blue contested space environment. Develop space playbook to define Red counter-space threat																												
Update mission and campaign level M&S to inform senior leaders evolving inquiries and decisions on innovation, space investments, rapid acquisition, operational COAs, risk, and planning																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2026 Air Force		Date: June 2025
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 1202140F / Service Support to SPACE COM Activities	Project (Number/Name) 67A011 / Space Analysis and Application Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Space Analysis Modeling and Simulation				
Develop software and tools to model Red on Blue contested space environment. Develop space playbook to define Red counter-space threat	1	2024	4	2024
Update mission and campaign level M&S to inform senior leaders evolving inquiries and decisions on innovation, space investments, rapid acquisition, operational COAs, risk, and planning	1	2025	4	2028

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