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**Department of War
Fiscal Year (FY) 2027 Budget Estimates**

April 2026



Army

Justification Book Volume 4c of 4

Research, Development, Test & Evaluation, Army

Budget Activity 8

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Army • Budget Estimates FY 2027 • RDT&E Program

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RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY
APPROPRIATION LANGUAGE

For expenses necessary for basic and applied scientific research, development, test and evaluation, including maintenance, rehabilitation, lease, and operation of facilities and equipment, \$18,708,826,000.00 to remain available for obligation until September 30, 2028.

The FY 2027 Overseas Operations accounted for in the base budget are as follows:

In-theater and in-CONUS expenses that remain after combat operations cease and have been previously funded in Overseas Operations \$3,244,000.00.

COST STATEMENT

The following Justification Books were prepared at a cost of \$337,499.00 Aircraft (ACFT), Missiles (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 – Tactical & Support Vehicles, Other Procurement Army (OPA) 2 – Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 5C, Budget Activity 5D, Budget Activity 6, Budget Activity 7, and Budget Activity 8.

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FY 2027 RDT&E, ARMY PROGRAM ELEMENT DESCRIPTIVE SUMMARIES
Introduction and Explanation of Contents

1. **General.** The purpose of this document is to provide summary information concerning the Research, Development, Test and Evaluation, Army program. The descriptive summaries are comprised of R-2 (Army RDT&E Budget Item Justification – program element level), R-2A (Army RDT&E Budget Item Justification – project level), R-3 (Army RDT&E Cost Analysis), R-4 (Schedule Profile Detail) and R-5 (Termination Liability Funding for MDAPs) Exhibits, which provide narrative information on all RDT&E program elements and projects through FY 2027.

2. **Relationship of the FY 2027 Budget Submitted to Congress to the FY 2026 Budget Submitted to Congress.** This paragraph provides a list of program elements/projects that are major new starts and terminated programs. Explanations for these changes can be found in the narrative sections of the Program Element R-2A Exhibits.

New Start Programs:

<u><i>Budget Activity</i></u>	<u><i>PE / Project</i></u>	<u><i>Project Title</i></u>
03	0603002A / MN6	Blast & Head Impact Exposure Monitor Advanced Tech
04	0604117A / DO5	Directed Energy Enhancements
04	0603627A / E79	SMOKE/OBSCURANT SYSTEM
04	0604117A / FI4	Maneuver - Short Range Air Defense (M-SHORAD)
04	0604117A / DP7	M-SHORAD Inc 4 (Mobility)
05	0604601A / DO4	Arctic Mobility Sustainment System (AMSS)
05	0604808A / DO6	Close Combat Modernization
05	0605058A / B1H	AN/TPY-2 Sensor
05	0605058A / B1K	THAAD Development and Modernization
05	0604642A / E40	LTV Prototype
05	0604804A / H02	Tactical Bridging - Engineering Development
05	0605812A / VU9	Joint Light Tactical Vehicle

Program Terminations (including transfers to Procurement and Sustainment):

<u>Budget Activity</u>	<u>PE / Project</u>	<u>Project Title</u>
01	0601102A / AA2	ILIR - SMDC
01	0601102A / T14	BASIC RESEARCH INITIATIVES - AMC
01	0601104A / AB8	Army Educational Outreach Program
01	0601104A / AC6	International Science and Technology
01	0601104A / J13	UNIVERSITY AND INDUSTRY INITIATIVES
01	0601601A / CL3	AI/ML Basic Research Hub
02	0602002A / DC4	Army Applied Innovation
02	0602002A / DC6	Sci & Analysis for Autonomous Sys & Counter-Auton
02	0602134A / CD2	Counter Improvised-Threat Advanced Studies
02	0602141A / BS6	Lethality Technology
02	0602141A / CIA	Applied Armaments Tech for Distributed Lethality
02	0602141A / CJ1	Lethality Enabling University Applied Research
02	0602143A / AZ2	Body Armor & Integrated Headborne Technology
02	0602143A / BC7	Training Technology (Other than STE)
02	0602143A / BD6	Soldier Sys Interfaces/Integration- Sensor Tech
02	0602143A / BE3	Joint Service Combat Feeding Technology
02	0602143A / BP9	Soldier Lethality Technologies
02	0602143A / BR9	Personnel & Airdrop Safety Technology
02	0602144A / BK7	Robotics for Engineer Operations Technology
02	0602144A / BN8	Ground Technology Materials
02	0602144A / CG7	Ground Protection Concepts and Technologies
02	0602144A / DI7	Environmental Security Resilience Tech
02	0602145A / BI2	Sensor Protection Technology
02	0602145A / BJ2	Tactical and Navigation Lasers Sensors Technology
02	0602145A / BP5	Ground Vehicle Technology
02	0602146A / AM8	Protected SATCOM Technology
02	0602146A / AN3	Non Traditional Waveforms Technology

02	0602146A / AT7	Network-Enabled GeoSpatial-GEOINT Services Tech
02	0602146A / AT9	Tactical GeoSpatial Information Capabilities Techn
02	0602146A / BP2	Sensor and Electronic Network Initiatives
02	0602146A / CG3	Assured PNT Communications Applied Research
02	0602146A / CU6	Adaptive Information Mediation and Analytics
02	0602146A / CV4	Pathfinder 3D Applied Technology
02	0602147A / BN5	Fuze and Power for Munitions
02	0602147A / BO9	WEAPONS & MUNITIONS TECH PROGRAM INITIATIVE
02	0602148A / AL8	Holistic Situational Awareness and Dec Making Tech
02	0602148A / BP7	Future Vertical Lift Air Platform Tech
02	0602150A / BN6	Advanced Weapons Components
02	0602150A / DA9	Radar Survivability through Dis Sensing Tech
02	0602180A / CL2	AI Enhanced Intel Operations Technologies
02	0602180A / CL7	ATR Using Multiple Cooperative Sensors App Tech
02	0602180A / CN7	Predictive Maintenance Applied Research
02	0602180A / DA5	AI Enabled Talent Management Applied Research
02	0602180A / DA6	AI-Enabled Command and Coordination Apl Research
02	0602180A / DM7	Counter AI App Rsch
02	0602180A / DM8	AI Enabled Contested Logistics Spt Tools App Tech
02	0602182A / CN4	Network Enabling University Applied Research
02	0602182A / CN5	Network Vuln/Effectiveness Assess Methods (N-VEAM)
02	0602182A / CT4	C3I Applied Research
02	0602182A / CX3	Intelligent Env Battlefield Awareness Apl Tech
02	0602182A / CX4	Persistent Geophysical Sensing-Infrasound Apl Tech
02	0602182A / CX6	Subterranean Detection and Monitoring Apl Tech
02	0602182A / CZ6	Assured PNT Enabling Applied Technology
02	0602182A / DA8	Quantum PNT & Radio Frequency Sensing
02	0602182A / DB4	Enabling Long Standoff 3D (ELS3D) Tech
02	0602182A / DM9	Distributed Multi-Agent Reasoning and Data Fusion
02	0602183A / CT5	Air Platform Applied Research
02	0602183A / CW4	Air Vehicle Structures and Dynamics Tech

02	0602183A / CW7	High Speed and Efficient VTOL Vehicle Tech
02	0602183A / DC2	High Performance Computing for Rotorcraft Apl Tech
02	0602183A / DE2	Airborne Threat Defeat
02	0602184A / CN2	Intelligent Weapons Concepts and Technologies
02	0602184A / CV9	Technical-SAVVY Soldier Applied Research
02	0602184A / CW9	Syn Bio for Reactive-Resp Matls-Soldiers & Sys
02	0602184A / DN1	Directed Energy Biological Effects
02	0602184A / DN2	Joint Service Small Arms Enabling Tech
02	0602184A / DO1	Modernized Composites & Manufacturing
02	0602275A / A66	CEMA Sensing Technology
02	0602275A / A70	Sensor Electronic Support Tech
02	0602386A / SM1	Scale-Up Microbial Products for Biomanufacturing
02	0602787A / BS7	Medical Technology
03	0603002A / MM2	MEDICAL ADVANCE TECHNOLOGY INITIATIVES
03	0603002A / MO8	Expeditionary Performance Nutrition Advanced Techn
03	0603002A / MP3	Phys Chem Toxicity Assessment Sys Adv Tech
03	0603025A / CK8	Advanced Technology Development and Convergence
03	0603040A / CL1	AI Enhanced Intel Operations Advanced Technologies
03	0603040A / CL6	ATR Using Multiple Cooperative Sensors Adv Tech
03	0603040A / CN6	Predictive Maintenance Advanced Technology
03	0603040A / CT8	Army AI Integration Center Adv Research
03	0603040A / DA7	AI-Enabled Command and Coordination Adv Tech
03	0603040A / DE9	AI Development Environment Advanced Technology
03	0603040A / DN3	AI Enabled Contested Logistics Spt Tools Adv Tech
03	0603042A / CU1	C3I Advanced Technology
03	0603042A / CX7	Intelligent Env Battlefield Awareness Adv Tech
03	0603042A / CX8	Persistent Geophysical Sensing-Infrasound Adv Tech
03	0603042A / CZ5	Subterranean Detection and Monitoring Adv Tech
03	0603042A / DB5	Enabling Long Standoff 3D (ELS3D) Adv Tech
03	0603043A / CL4	Air Platform Enabling University Adv Development
03	0603043A / CV2	Structures Platform Int Resilience & Efficiency

03	0603043A / CX1	Advanced Rotors Advanced Tech
03	0603043A / DC3	HPC For Army Aviation Concepts
03	0603044A / CW1	Technical-SAVVY Soldier Advanced Research
03	0603044A / DO2	Modernized Composites & Manufacturing Adv Dev
03	0603044A / EA7	Enhanced Indirect Fire Adv Tech
03	0603116A / BO7	Weapons & Munitions Adv Lethality Technology
03	0603118A / AY9	Body Armor & Integrated Headborne Advanced Tech
03	0603118A / BC8	Training Advanced Technology (Other than STE)
03	0603118A / BD7	Soldier Sys Interfaces/Integration-Sensor AdvTech
03	0603118A / BE2	Joint Service Combat Feeding Advanced Technology
03	0603118A / BE5	Personnel & Airdrop Safety Advanced Technology
03	0603118A / BE9	STE Advanced Technology
03	0603118A / BS8	Soldier Lethality Advanced Technology
03	0603119A / BK8	Robotics for Engineer Operations Adv Tech
03	0603119A / BL3	Explosives Forensics Advanced Technology
03	0603119A / BO3	MILITARY ENGINEERING TECHNOLOGY DEMONSTRATION
03	0603119A / DI8	Environmental Security Resilience Adv Tech
03	0603134A / CD3	Counter Improvised-Threat Simulation
03	0603462A / BG3	Modeling and Simulation for MUMT Advanced Tech
03	0603462A / BH6	Platform Electrification and Mobility Adv Tech
03	0603462A / BI3	Sensor Protection Advanced Technology
03	0603462A / BP6	Ground Vehicle Advanced Technology
03	0603463A / AM9	Protected SATCOM Advanced Technology
03	0603463A / AN4	Non Traditional Waveforms Advanced Technology
03	0603463A / AT8	Network-Enabled GeoSpatial-GEOINT Services AdvTech
03	0603463A / AU1	Tactical GeoSpatial Information Capabilities ATech
03	0603463A / AU4	Geospatially Enabled Operational Design Adv Tech
03	0603463A / BP4	ELECTRONIC WARFARE ADVANCED TECHNOLOGIES
03	0603463A / CJ8	Assured PNT Communications Advanced Tech
03	0603463A / DB6	Pathfinder 3D Advanced Technology
03	0603464A / BO8	Long Range Precision Fires Advanced Tech

03	0603465A / AL7	Full Spectrum Targeting Advanced Technology
03	0603465A / AL9	Holistic Sit Awareness and Dec Making Adv Tech
03	0603465A / BP8	Future Vertical Lift Air Platform Adv Tech
03	0603465A / CA8	Adv Rotocraft Armaments Protection Sys
03	0603465A / CC4	FVL Radar Advanced Technologies
03	0603465A / CH7	Power & Thermal Management for FVL Adv Tech
03	0603465A / CI8	Adaptive Avionics Advanced Technologies
03	0603466A / BN7	Weapons Components Adv Technology
04	0603327A / FG9	Air and Missile Defense (AMD) Electronic Warfare
04	0603639A / CD8	Long Range Precision Munition (LRPM)
04	0604019A / BU9	IFPC High Energy Laser
04	0604019A / CO6	IFPC High Power Microwave (HPM)
04	0604020A / DC8	Army Experimentation and Prototyping
04	0604117A / CR9	Directed Energy M-SHORAD / M-SHORAD Inc 2
04	0604134A / CD4	Counter Improvised-Threat Demonstration
04	0604135A / MR3	Mid-Range Capability (MRC) Missiles
04	0604182A / HX3	All Up Round and Canister (AUR+C)
04	0604531A / CQ5	C-sUAS Joint New Capabilities Development
04	0604531A / CQ6	C-sUAS Joint Enabling Capabilities Development
04	0604541A / BT2	Command Post Mobility/Survivability
04	0604541A / BT3	Common Operating Environment (COE)
04	0604541A / BT5	Integrated Tactical Network/Enterprise Network
05	0604741A / FG5	Counter Unmanned Aerial Systems (UAS)
05	0604802A / FA6	30mm Lethality
05	0604802A / S36	Precision Guidance Kit
05	0604805A / DH4	CMOSS Mounted Form Factor (CMFF) Radio Cards
05	0604805A / DH5	CMOSS Mounted Form Factor (CMFF) Chassis
05	0604818A / 323	Common Hardware Systems
05	0604818A / C29	Centralized Technical Support Facility (CTSF)
05	0604818A / C34	Army Tac C2 Sys Eng
05	0604818A / DD1	Unified Network Technology Trans & Integ (UNTTI)

05	0604818A / DL8	PREDICTIVE LOGISTICS
05	0604818A / EJ6	TACTICAL ENHANCEMENT
05	0604818A / EK9	TACTICAL NETWORK OPERATIONS AND MANAGEMENT
05	0604818A / ER9	Expeditionary Army Command Post
05	0604827A / LS2	Lethal Semi-Autonomous Aerial Unmanned Sys-Eng Dev
05	0604854A / DH7	Next Generation Howitzer
05	0604854A / HB6	Mobile 155MM Howitzer
05	0605013A / 184	Installation Support Modules
05	0605013A / T04	USMEPCOM TRANSFORMTION - IT MODERNIZATION
05	0605049A / XT4	Advanced Threat Detection System (ATDS)
05	0605236A / CQ1	Tactical Communication Network Evaluation (TCNE)
05	0605531A / CQ7	C-sUAS Joint New Capabilities
06	0605301A / DW7	Army Kwajalein Atoll Facilities Sustainment
06	0605301A / DW8	Army Kwajalein Atoll Installation Services
06	0605301A / DW9	Army Kwajalein Atoll Restoration And Modernization
07	0203743A / FF9	PIM Improvement Program
07	0303142A / 456	MILSATCOM System Engineering
07	0303142A / CO7	Protected Tactical Satellite Communications
07	0607139A / ES6	Improved Turbine Engine Program
07	0708045A / EA2	MANTECH INITIATIVES

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

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Department of the Army
 FY 2027 President's Budget
 Exhibit R-1
 Total Obligational Authority
 (Dollars in Thousands)

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

Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Enacted	119-21 Plan	Total	Discretionary Request	Mandatory Request	Total
1	0601102A	Defense Research Sciences	01	U	290,464	258,178	1,000	259,178	215,322		215,322
2	0601103A	University Research Initiatives	01	U	75,313	77,178	28,000	105,178	63,102		63,102
3	0601104A	University and Industry Research Centers	01	U	109,728	72,391		72,391	53,598		53,598
4	0601121A	Cyber Collaborative Research Alliance	01	U	5,525	5,463		5,463			
5	0601275A	Electronic Warfare Basic Research	01	U		94,862		94,862	64,031		64,031
6	0601601A	Artificial Intelligence and Machine Learning Basic Research	01	U	9,933	17,012		17,012			
	Basic research				490,963	525,084	29,000	554,084	396,053		396,053
7	0602002A	Army Agile Innovation and Development-Applied Research	02	U	973	9,455		9,455			
8	0602134A	Counter Improvised-Threat Advanced Studies	02	U	4,098	6,174		6,174			
9	0602135A	Counter Small Unmanned Aerial Systems (C-SUAS) Applied Research	02	U		12,618		12,618	26,523		26,523
10	0602141A	Lethality Technology	02	U	126,660	176,157		176,157	232,046		232,046
11	0602143A	Soldier Lethality Technology	02	U	131,645	223,990		223,990	68,018		68,018
12	0602144A	Ground Technology	02	U	148,459	130,842		130,842	44,146		44,146
13	0602145A	Next Generation Combat Vehicle Technology	02	U	167,383	169,297		169,297	70,540		70,540
14	0602146A	Network C3I Technology	02	U	105,577	107,029		107,029	53,373		53,373
15	0602147A	Long Range Precision Fires Technology	02	U	66,351	114,294		114,294	24,086		24,086
16	0602148A	Future Verticle Lift Technology	02	U	52,804	38,920		38,920	17,727		17,727
17	0602150A	Air and Missile Defense Technology	02	U	47,942	71,792		71,792	36,113		36,113
18	0602180A	Artificial Intelligence and Machine Learning Technologies	02	U	17,072	13,745		13,745			
19	0602181A	All Domain Convergence Applied Research	02	U	12,088						
20	0602182A	C3I Applied Research	02	U	25,281	26,317		26,317			
21	0602183A	Air Platform Applied Research	02	U	42,356	63,305		63,305	43,700		43,700
22	0602184A	Soldier Applied Research	02	U	13,873	27,597		27,597	2,429		2,429
23	0602213A	C3I Applied Cyber	02	U	28,656	4,716		4,716	63		63
24	0602275A	Electronic Warfare Applied Research	02	U		45,415		45,415	51,184		51,184

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Department of the Army
 FY 2027 President's Budget
 Exhibit R-1
 Total Obligational Authority
 (Dollars in Thousands)

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

Line No	Program Element Number	Item	Act	Sec	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
25	0602276A	Electronic Warfare Cyber Applied Research	02	U		17,102		17,102	9,857		9,857
26	0602345A	Unmanned Aerial Systems Launched Effects Applied Research	02	U		18,408		18,408	22,871		22,871
27	0602386A	Biotechnology for Materials - Applied Research	02	U	10,496	8,209		8,209	14,979		14,979
29	0602785A	Manpower/Personnel/Training Technology	02	U	19,072	17,191		17,191	14,275		14,275
30	0602787A	Medical Technology	02	U	64,842	186,793		186,793	149,221		149,221
999	999999999	Classified Programs	02	U	35,766	34,599		34,599	32,883		32,883
		Applied Research			1,121,394	1,523,965		1,523,965	914,034		914,034
31	0603002A	Medical Advanced Technology	03	U	9,599	8,860		8,860	17,876		17,876
32	0603007A	Manpower, Personnel and Training Advanced Technology	03	U	14,693	13,559		13,559	11,113		11,113
33	0603025A	Army Agile Innovation and Demonstration	03	U	14,075	44,150		44,150	3,325		3,325
34	0603040A	Artificial Intelligence and Machine Learning Advanced Technologies	03	U	25,025	37,487		37,487			
35	0603041A	All Domain Convergence Advanced Technology	03	U	23,183	10,560		10,560	3,575		3,575
36	0603042A	C3I Advanced Technology	03	U	19,860	26,228		26,228	1,211		1,211
37	0603043A	Air Platform Advanced Technology	03	U	16,596	51,266		51,266	23,471		23,471
38	0603044A	Soldier Advanced Technology	03	U	13,580	10,807		10,807	3,951		3,951
39	0603116A	Lethality Advanced Technology	03	U	53,785	51,232		51,232	31,812		31,812
40	0603118A	Soldier Lethality Advanced Technology	03	U	100,309	166,186		166,186	125,121		125,121
41	0603119A	Ground Advanced Technology	03	U	89,885	187,007	1,500	188,507	25,043		25,043
42	0603134A	Counter Improvised-Threat Simulation	03	U	20,688	15,692		15,692			
43	0603135A	Counter Small Unmanned Aerial Systems (C-SUAS) Advanced Technology	03	U		7,773		7,773	156,520		156,520
44	0603275A	Electronic Warfare Advanced Technology	03	U		85,922		85,922	156,326		156,326
45	0603276A	Electronic Warfare Cyber Advanced Technology	03	U		15,254		15,254	15,278		15,278

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Department of the Army
 FY 2027 President's Budget
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 Total Obligational Authority
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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
46	0603345A	Unmanned Aerial Systems Launched Effects Advanced Technology Development	03	U		13,898		13,898	33,129		33,129
47	0603386A	Biotechnology for Materials - Advanced Research	03	U	35,033	24,683		24,683	22,402		22,402
48	0603457A	C3I Cyber Advanced Development	03	U	39,616	29,829		29,829	8,509		8,509
49	0603461A	High Performance Computing Modernization Program	03	U	231,168	236,609		236,609	215,090		215,090
50	0603462A	Next Generation Combat Vehicle Advanced Technology	03	U	248,074	308,201		308,201	118,207		118,207
51	0603463A	Network C3I Advanced Technology	03	U	150,510	143,939		143,939	48,490		48,490
52	0603464A	Long Range Precision Fires Advanced Technology	03	U	174,160	184,206	155,700	339,906	422,590		422,590
53	0603465A	Future Vertical Lift Advanced Technology	03	U	173,161	111,686	8,401	120,087	14,984		14,984
54	0603466A	Air and Missile Defense Advanced Technology	03	U	60,451	59,080		59,080	63,924		63,924
56	0603920A	Humanitarian Demining	03	U	22,934	36,349		36,349	7,619		7,619
999	999999999	Classified Programs	03	U	155,526	70,537		70,537	80,717		80,717
		Advanced technology development			1,691,911	1,951,000	165,601	2,116,601	1,610,283		1,610,283
58	0603305A	Army Missile Defense Systems Integration	04	U	19,886	17,641		17,641	8,367		8,367
59	0603308A	Army Space Systems Integration	04	U	32,132	92,580		92,580	59,573		59,573
60	0603327A	Air and Missile Defense Systems Engineering	04	U	30,000	100,000		100,000			
61	0603619A	Landmine Warfare and Barrier - Adv Dev	04	U	58,477	34,296		34,296	31,374		31,374
62	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	04	U					5,596		5,596
63	0603639A	Tank and Medium Caliber Ammunition	04	U	108,340	87,972	50,000	137,972	277,248		277,248
64	0603645A	Armored System Modernization - Adv Dev	04	U	22,387	22,645		22,645	23,594		23,594
65	0603747A	Soldier Support and Survivability	04	U	3,911	4,033		4,033	4,109		4,109
66	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	U	87,765	117,325		117,325	98,331		98,331
67	0603774A	Night Vision Systems Advanced Development	04	U	20,250	19,353		19,353	5,310		5,310
68	0603779A	Environmental Quality Technology - Dem/Val	04	U	22,637	36,343		36,343	19,499		19,499

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 FY 2027 President's Budget
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Appropriation: 2040A Research, Development, Test and Evaluation, Army

Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
69	0603790A	WATO Research and Development	04	U	4,031	5,031		5,031	5,145		5,145
70	0603801A	Aviation - Adv Dev	04	U	197,292						
71	0603804A	Logistics and Engineer Equipment - Adv Dev	04	U	20,946	40,435	10,000	50,435	12,822		12,822
72	0603807A	Medical Systems - Adv Dev	04	U	2,071	1,000		1,000	1,017		1,017
73	0603827A	Soldier Systems - Advanced Development	04	U	23,398	49,356		49,356	56,122		56,122
74	0604017A	Robotics Development	04	U	12,563	36,561		36,561	20,290		20,290
75	0604019A	Expanded Mission Area Missile (EMAM)	04	U	82,658	58,189	5,000	63,189	235,593		235,593
76	0604020A	Cross Functional Team (CFT) Advanced Development & Prototyping	04	U	38,934		12,000	12,000			
77	0604035A	Low Earth Orbit (LEO) Satellite Capability	04	U	21,134	17,063		17,063	319		319
78	0604036A	Multi-Domain Sensing System (MDSS) Adv Dev	04	U	188,228	249,188		249,188	99,471		99,471
79	0604037A	Tactical Intel Targeting Access Node (TITAN) Adv Dev	04	U	4,317	3,092		3,092	4,123		4,123
80	0604100A	Analysis Of Alternatives	04	U	10,824	9,865		9,865	10,077		10,077
81	0604101A	Small Unmanned Aerial Vehicle (SUAV) (6.4)	04	U	1,734						
82	0604103A	Electronic Warfare Planning and Management Tool (EWPMT)	04	U	2,004						
83	0604113A	Future Tactical Unmanned Aircraft System (FTUAS)	04	U	127,870						
84	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor	04	U	122,777	192,045		192,045	162,074		162,074
85	0604115A	Technology Maturation Initiatives	04	U	256,806	324,432	29,300	353,732	314,671		314,671
86	0604117A	Maneuver - Short Range Air Defense (M-SHORAD)	04	U	264,521	236,149	60,150	296,299	460,980		460,980
87	0604120A	Assured Positioning, Navigation and Timing (PNT)	04	U	20,969	8,686		8,686	18,993		18,993
88	0604121A	Synthetic Training Environment Refinement & Prototyping	04	U	110,937	176,657		176,657	219,137		219,137
89	0604129A	Advanced Power Applications	04	U			5,000	5,000	48,000		48,000
90	0604134A	Counter Improvised-Threat Demonstration, Prototype Development, and Testing	04	U	10,613	5,491		5,491			
91	0604135A	Strategic Mid-Range Fires	04	U		226,215		226,215	211,848		211,848

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Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Discretionary Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
92	0604182A	Hypersonics	04	U		25,000		25,000	82,939	40,000	122,939
93	0604386A	Biotechnology for Materials - Dem/Val	04	U	10,262						
94	0604403A	Future Interceptor	04	U	7,764						
96	0604531A	Counter - Small Unmanned Aircraft Systems Advanced Development	04	U	77,794	45,281		45,281			
98	0604541A	Unified Network Transport	04	U	30,675	29,191		29,191			
99	0305251A	Cyberspace Operations Forces and Force Support	04	U	2,270	5,605		5,605	22,889		22,889
999	999999999	Classified Programs	04	U	281,270	203,746	25,000	228,746	261,466		261,466
Advanced Component Development and Prototypes					2,340,447	2,480,466	196,450	2,676,916	2,780,977	40,000	2,820,977
100	0604201A	Aircraft Avionics	05	U	6,909	17,696		17,696	30,658		30,658
101	0604270A	Electronic Warfare Development	05	U	28,706	9,153		9,153	2,807		2,807
102	0604601A	Infantry Support Weapons	05	U	55,767	77,653		77,653	55,296		55,296
103	0604604A	Medium Tactical Vehicles	05	U	3,435	18,503		18,503	23,763		23,763
104	0604611A	JAVELIN	05	U	10,025	9,810		9,810	10,217		10,217
105	0604622A	Family of Heavy Tactical Vehicles	05	U	33,424	38,664		38,664	43,003		43,003
106	0604633A	Air Traffic Control	05	U	946						
107	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	05	U	89,162						
108	0604642A	Light Tactical Wheeled Vehicles	05	U	5,058				6,142		6,142
109	0604645A	Armored Systems Modernization (ASM) - Eng Dev	05	U	46,341						
110	0604710A	Night Vision Systems - Eng Dev	05	U	134,589	461,274		461,274	418,427		418,427
111	0604713A	Combat Feeding, Clothing, and Equipment	05	U	3,195	5,654		5,654	6,701		6,701
112	0604715A	Non-System Training Devices - Eng Dev	05	U	23,337	19,063		19,063	29,685		29,685
113	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	05	U	71,111	13,892	43,300	57,192	14,276		14,276
114	0604742A	Constructive Simulation Systems Development	05	U	28,616	7,790		7,790	5,618		5,618
115	0604746A	Automatic Test Equipment Development	05	U	12,455	9,512		9,512	9,625		9,625
116	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev	05	U	8,589	7,724		7,724	7,883		7,883

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Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Discretionary Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
117	0604798A	Brigade Analysis, Integration and Evaluation	05	U	26,584	24,318		24,318	26,602		26,602
118	0604802A	Weapons and Munitions - Eng Dev	05	U	232,181	156,844		156,844	124,881		124,881
119	0604804A	Logistics and Engineer Equipment - Eng Dev	05	U	45,302	61,194		61,194	65,238		65,238
120	0604805A	Command, Control, Communications Systems - Eng Dev	05	U	88,931	63,725		63,725	5,541		5,541
121	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	05	U	6,955	16,252		16,252	9,744		9,744
122	0604808A	Landmine Warfare/Barrier - Eng Dev	05	U	49,348	72,532		72,532	17,586		17,586
123	0604818A	Army Tactical Command & Control Hardware & Software	05	U	129,265	429,164	3,450	432,614	42,584		42,584
124	0604820A	Radar Development	05	U	40,066	53,226	14,000	67,226	58,260		58,260
125	0604822A	General Fund Enterprise Business System (GFEBs)	05	U	1,922						
126	0604827A	Soldier Systems - Warrior Dem/Val	05	U	28,069	4,137	22,587	26,724	5,663		5,663
127	0604852A	Suite of Survivability Enhancement Systems - EMD	05	U	75,022	75,180		75,180	78,331		78,331
128	0604854A	Artillery Systems - EMD	05	U	40,929	76,767		76,767	709,192		709,192
129	0605013A	Information Technology Development	05	U	92,084	124,247		124,247	121,525		121,525
130	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)	05	U	116,925	160,912		160,912	102,694		102,694
131	0605030A	Joint Tactical Network Center (JTNC)	05	U	19,454	20,954		20,954	21,561		21,561
132	0605031A	Joint Tactical Network (JTN)	05	U	30,075	41,696		41,696	50,390		50,390
133	0605035A	Common Infrared Countermeasures (CIRCM)	05	U	11,261	12,789		12,789	11,573		11,573
134	0605036A	Combating Weapons of Mass Destruction (CWMD)	05	U	7,560	13,322		13,322	5,605		5,605
135	0605037A	Evidence Collection and Detainee Processing	05	U		4,619		4,619	5,513		5,513
136	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite	05	U	7,598	13,459		13,459	13,864		13,864
137	0605041A	Defensive CYBER Tool Development	05	U	4,176	3,611		3,611	3,519		3,519
138	0605042A	Tactical Network Radio Systems (Low-Tier)	05	U	4,131	3,222		3,222	3,804		3,804

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Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
139	0605047A	Contract Writing System	05	U	8,937	8,101		8,101	4,777		4,777
140	0605049A	Missile Warning System Modernization (MWSM)	05	U	45	13,530		13,530			
141	0605051A	Aircraft Survivability Development	05	U	36,269	47,182	13,530	60,712	106,621		106,621
142	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1	05	U	135,769	243,087		243,087	175,352		175,352
143	0605053A	Ground Robotics	05	U	27,342	160,818	74,000	234,818	192,185		192,185
144	0605054A	Emerging Technology Initiatives	05	U	122,503	80,046	139,000	219,046	147,881		147,881
145	0605058A	Terminal High Altitude Area Defense (THAAD) RDTE	05	U					1,053,983		1,053,983
146	0605144A	Next Generation Load Device - Medium	05	U	2,931	24,492		24,492	2,380		2,380
147	0605148A	Tactical Intel Targeting Access Node (TITAN) EMD	05	U	149,112	44,273		44,273	35,769		35,769
148	0605205A	Small Unmanned Aerial Vehicle (SUAV) (6.5)	05	U	23,581						
149	0605206A	CI and HUMINT Equipment Program-Army (CIHEP-A)	05	U	1,296						
150	0605216A	Joint Targeting Integrated Command and Coordination Suite (JTIC2S)	05	U	20,633						
151	0605224A	Multi-Domain Intelligence	05	U	18,913	44,844		44,844	49,594		49,594
152	0605231A	Precision Strike Missile (PrSM)	05	U	177,328		197,184	197,184	288,304		288,304
153	0605232A	Hypersonics EMD	05	U	452,628	501,530	19,401	520,931	446,616		446,616
154	0605233A	Accessions Information Environment (AIE)	05	U	37,305	32,710		32,710	33,770		33,770
155	0605235A	Strategic Mid-Range Capability	05	U	176,150	182,128		182,128	82,550		82,550
156	0605236A	Integrated Tactical Communications	05	U	11,778	22,732		22,732			
157	0605241A	Future Long Range Assault Aircraft Development	05	U	1,015,350	1,220,568	310,000	1,530,568	2,140,569		2,140,569
158	0605242A	Theater SIGINT System (TSIGS)	05	U	3,660						
159	0605244A	Joint Reduced Range Rocket (JR3)	05	U	13,070	28,893		28,893	16,014		16,014
160	0605247A	Spectrum Situational Awareness System (S2AS)	05	U	4,495						
161	0605275A	Electronic Warfare Systems Development	05	U		59,202		59,202	99,691		99,691
162	0605330A	C2 Transport	05	U					45,370		45,370
163	0605331A	C2 Applications	05	U					488,401		488,401

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					Actuals	Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
164	0605332A	C2 Data	05	U					306,019		306,019
165	0605333A	C2 Infrastructure	05	U					64,849		64,849
166	0605345A	Unmanned Aerial Systems Launched Effects Systems Development	05	U		357,529	15,000	372,529	816,433		816,433
167	0605347A	Counter Unmanned Aerial Systems (UAS) Development	05	U		140,400		140,400	359,182		359,182
168	0605450A	Joint Air-to-Ground Missile (JAGM)	05	U	2,919						
169	0605457A	Army Integrated Air and Missile Defense (AIAMD)	05	U	566,078	143,446		143,446	126,623		126,623
170	0605531A	Counter - Small Unmanned Aircraft Systems Sys Dev & Demonstration	05	U	57,389	54,078		54,078	695		695
172	0605625A	Manned Ground Vehicle	05	U	481,247	372,096		372,096	290,069		290,069
173	0605766A	National Capabilities Integration (MIP)	05	U	16,565	16,913		16,913	17,211		17,211
174	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)	05	U					2,749		2,749
175	0605830A	Aviation Ground Support Equipment	05	U	943	930		930	951		951
176	0303032A	TROJAN - RH12	05	U	3,930	3,920		3,920	3,946		3,946
177	0303767A	AMBIT - Pre-Auctioned SRF	05	U	2,502						
178	0304270A	Electronic Warfare Development	05	U	84,560	127,081		127,081	125,301		125,301
999	999999999	Classified Programs	05	U	83,136	117,428		117,428	89,121		89,121
		System development and demonstration			5,357,867	6,176,515	851,452	7,027,967	9,760,747		9,760,747
179	0604256A	Threat Simulator Development	06	U	72,696	74,767		74,767	60,233		60,233
180	0604258A	Target Systems Development	06	U	27,212	26,004		26,004	16,488		16,488
181	0604759A	Major T&E Investment	06	U	100,235	129,527	184,200	313,727	106,140		106,140
182	0605103A	Rand Arroyo Center	06	U	31,144	10,892		10,892	10,737		10,737
183	0605301A	Army Kwajalein Atoll	06	U	351,760	375,226	223,800	599,026	7,051		7,051
184	0605326A	Concepts Experimentation Program	06	U	77,909	63,606		63,606	55,596		55,596
185	0605502A	Small Business Innovative Research	06	U	356,228						
186	0605601A	Army Test Ranges and Facilities	06	U	490,192	436,708		436,708	469,723		469,723
187	0605602A	Army Technical Test Instrumentation and Targets	06	U	71,303	67,775		67,775	62,303		62,303
188	0605604A	Survivability/Lethality Analysis	06	U	36,815	31,306		31,306	31,283		31,283

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Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
189	0605606A	Aircraft Certification	06	U	2,201	4,887		4,887	1,983		1,983
190	0605706A	Materiel Systems Analysis	06	U	23,338	19,100		19,100	19,013		19,013
191	0605709A	Exploitation of Foreign Items	06	U	6,245	6,277		6,277	10,481		10,481
192	0605712A	Support of Operational Testing	06	U	75,146	63,637		63,637	60,733		60,733
193	0605716A	Army Evaluation Center	06	U	73,220	62,343		62,343	65,565		65,565
194	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ	06	U	10,846	11,825		11,825	15,608		15,608
195	0605801A	Programwide Activities	06	U	203,513	54,172		54,172	52,978		52,978
196	0605803A	Technical Information Activities	06	U	31,508	26,592		26,592	27,004		27,004
197	0605805A	Munitions Standardization, Effectiveness and Safety	06	U	48,913	46,965		46,965	44,851		44,851
198	0605857A	Environmental Quality Technology Mgmt Support	06	U	1,598	2,857		2,857	3,256		3,256
199	0605898A	Army Direct Report Headquarters - R&D - MHA	06	U	59,381	53,436		53,436	54,276		54,276
200	0606002A	Ronald Reagan Ballistic Missile Defense Test Site	06	U	70,964	72,302		72,302	118,585		118,585
201	0606003A	CounterIntel and Human Intel Modernization	06	U	9,574	5,660		5,660	5,802		5,802
202	0606118A	AIAMD Software Development & Integration	06	U		368,812	63,000	431,812	653,653		653,653
203	0606942A	Assessments and Evaluations Cyber Vulnerabilities	06	U	10,105	6,354		6,354	6,468		6,468
204	0909999A	Financing for Cancelled Account Adjustments	06	U	773						
	Management support				2,242,819	2,021,030	471,000	2,492,030	1,959,810		1,959,810
205	0603778A	MLRS Product Improvement Program	07	U	13,670	14,639		14,639	17,780		17,780
206	0605024A	Anti-Tamper Technology Support	07	U	7,300	8,449		8,449	6,613		6,613
207	0607101A	Combating Weapons of Mass Destruction (CWMD) Product Improvement	07	U	261	115		115	488		488
208	0607131A	Weapons and Munitions Product Improvement Programs	07	U	31,285	80,762	2,400	83,162	21,553		21,553
209	0607136A	Blackhawk Product Improvement Program	07	U	124,047	123,998		123,998	35,147		35,147
210	0607137A	Chinook Product Improvement Program	07	U	4,640	25,859		25,859	7,277		7,277
211	0607139A	Improved Turbine Engine Program	07	U	127,582	175,000	63,000	238,000			

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Line No	Program Element Number	Item	Act	Sec	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
212	0607143A	Unmanned Aircraft System Universal Products	07	U	23,643						
213	0607145A	Apache Future Development	07	U	7,942	44,371		44,371	30,759		30,759
214	0607148A	AN/TPQ-53 Counterfire Target Acquisition Radar System	07	U	51,694	43,054		43,054	90,981		90,981
215	0607150A	Intel Cyber Development	07	U	9,753	13,129		13,129	13,694		13,694
216	0607212A	TENCAP Enhancements	07	U					20,982		20,982
217	0607313A	Electronic Warfare Development	07	U	5,559						
219	0607665A	Family of Biometrics	07	U	568	1,594		1,594	1,640		1,640
220	0607865A	Patriot Product Improvement	07	U	162,309	179,981		179,981	219,046		219,046
221	0203728A	Joint Automated Deep Operation Coordination System (JADOCS)	07	U	26,575	8,424		8,424	11,255		11,255
222	0203735A	Combat Vehicle Improvement Programs	07	U	317,214	739,211		739,211	492,364		492,364
223	0203743A	155mm Self-Propelled Howitzer Improvements	07	U	39,905	105,410		105,410			
224	0203752A	Aircraft Engine Component Improvement Program	07	U	142	237		237	239		239
225	0203758A	Digitization	07	U	1,505	1,013		1,013	1,615		1,615
226	0203801A	Missile/Air Defense Product Improvement Program	07	U	1,456	1,338		1,338	2,054		2,054
227	0203802A	Other Missile Product Improvement Programs	07	U	25,843						
228	0205412A	Environmental Quality Technology - Operational System Dev	07	U	259						
229	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	07	U	19,838	33,307		33,307	73,639		73,639
232	0303140A	Information Systems Security Program	07	U	28,027	15,040		15,040	15,932		15,932
233	0303141A	Global Combat Support System	07	U	2,472						
234	0303142A	SATCOM Ground Environment (SPACE)	07	U	25,671	35,720		35,720	4,870		4,870
237	0305179A	Integrated Broadcast Service (IBS)	07	U	5,701	6,653		6,653	6,870		6,870
238	0305219A	MQ-1 Gray Eagle UAV	07	U	6,681	3,444		3,444	2,590		2,590
239	0708045A	End Item Industrial Preparedness Activities	07	U	84,752	90,842		90,842	68,097		68,097
999	999999999	Classified Programs	07	U	32,518	46,872		46,872	47,342		47,342
Operational system development					1,188,812	1,798,462	65,400	1,863,862	1,192,827		1,192,827

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Line No	Program Element Number	Item	Act	Sec	FY 2025	FY 2026	FY 2026 PL	FY 2026	FY 2027	FY 2027	FY 2027
					Actuals	Discretionary Enacted	119-21 Spend Plan	Total	Discretionary Request	Mandatory Request	Total
240	0608041A	Defensive CYBER - Software Prototype Development	08	U	74,548	89,238		89,238	94,095		94,095
		Software and digital technology pilot programs			74,548	89,238		89,238	94,095		94,095
Total Research, Development, Test and Evaluation, Army					14,508,761	16,565,760	1,778,903	18,344,663	18,708,826	40,000	18,748,826

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**Executive Summary for
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY**

Table 1: Funding Overview

	<u>FY 2025 (\$K)</u>	<u>FY 2026 (\$K)</u>	<u>FY 2027 (\$K)</u>
Discretionary	14,496,467	16,565,760	18,708,826
Mandatory	12,294	1,778,903	40,000
Total	14,508,761	18,344,663	18,748,826

Table 2: Detailed Mandatory Breakout

<u>BLI</u>	<u>Reconciliation Bin Title</u>	<u>FY 2025 (\$K)</u>	<u>FY 2026 (\$K)</u>	<u>FY 2027 (\$K)</u>
0601102A	Low-Cost Weapons		1,000	
0601103A	Low-Cost Weapons		28,000	
0603119A	Low-Cost Weapons		1,500	
0603464A	Munitions and Supply Chain		155,700	
0603465A	Low-Cost Weapons		8,401	
0603639A	Munitions and Supply Chain		50,000	
0603804A	Low-Cost Weapons		10,000	
0604019A	Munitions and Supply Chain		5,000	
0604020A	Low-Cost Weapons		12,000	
0604115A	Munitions and Supply Chain		29,300	
0604117A	Munitions and Supply Chain		60,150	

0604129A	Low-Cost Weapons		5,000	
0604182A	Munitions			40,000
0604741A	Munitions and Supply Chain		43,300	
0604818A	Low-Cost Weapons		3,450	
0604820A	Missile Defense		14,000	
0604827A	Low-Cost Weapons		10,000	
0604827A	Munitions and Supply Chain		12,587	
0605051A	Munitions and Supply Chain		13,530	
0605053A	Readiness		74,000	
0605054A	INDOPACOM Capabilities		84,000	
0605054A	Missile Defense		55,000	
0605231A	Munitions and Supply Chain		197,184	
0605232A	Munitions and Supply Chain		19,401	
0605241A	Readiness		310,000	
0605345A	Low-Cost Weapons		15,000	
0605301A	Missile Defense		8,800	
0605301A	Missile Defense		215,000	
0606118A	Missile Defense		63,000	
0607131A	Low-Cost Weapons		2,400	

0607139A	Readiness		63,000	
Classified	INDOPACOM Capabilities		25,000	
0604759A	Missile Defense		184,200	
Classified	Low-Cost Weapons	12,294		
Mandatory Total		12,294	1,778,903	40,000

MANDATORY FUNDING JUSTIFICATION: The FY 2027 request for Research, Development, Test and Evaluation, Army includes \$18,708,826 thousand of discretionary and \$40,000 thousand of mandatory reconciliation for a total of \$18,748,826 thousand.

Munitions

The \$40,000 thousand in mandatory reconciliation funds in PE 0604182A / Hypersonics are to support the development and test of the Blackbeard - Ground Launch (GL) low-cost hypersonic strike missile. This effort will assess the potential to achieve a significantly reduced cost for high-speed strike capability complementing existing Precision Strike Missile (PrSM) capabilities.

The FY 2026 spend plan amount for Research, Development, Test and Evaluation, Army includes \$16,565,760 thousand of discretionary and \$1,778,903 thousand of mandatory (reconciliation) for a total of \$18,344,663 thousand.

The FY 2025 spend plan amount for Research, Development, Test and Evaluation, Army includes \$14,496,467 thousand of discretionary and \$12,294 thousand of mandatory (reconciliation) for a total of \$14,508,761 thousand.

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

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

Line #	Budget Activity	Program Element Number	Program Element Title	Page
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Program Element Table of Contents (Alphabetically by Program Element Title)

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Exhibit R-2, RDT&E Budget Item Justification: PB 2027 Army **Date:** April 2026

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 8: Software and Digital Technology Pilot Programs</i>	R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>
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COST (\$ in Millions)	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	Cost To Complete	Total Cost
Total Program Element	-	74.548	89.238	94.095	-	94.095	95.122	94.927	94.990	95.836	Continuing	Continuing
CD1: <i>Defensive Cyber - Software Prototype Devel</i>	-	74.548	89.238	94.095	-	94.095	95.122	94.927	94.990	95.836	Continuing	Continuing

A. Mission Description and Budget Item Justification

- Defensive Cyber Operations (DCO) programs are key elements of the DCO Maneuver Baseline infrastructure, platform, and tools. The employment of defensive capabilities achieves the following objectives: deter, destroy and defeat cyberspace threats; gain time; economy of force; control key terrain; protect tasked critical assets and infrastructure; and develop intelligence.

DCO consists of software and platform programs which are key elements of the DCO Maneuver Baseline infrastructure, platform, and tools. DCO supports the Army Cyber Command (ARCYBER), Information Warfare Operations Center (IWOC), Army Forces Command (FORSCOM), Global Cyber Centers (GCC), Regional Cyber Centers (RCCs), Cyber Warfare Battalion (CWB), Multi-Domain Task Force (MDTF), Cyber Protection Brigade (CPB), and Cyber Protection Teams (CPTs) in the Active Army, Army National Guard, and the Army Reserve. Fiscal Year (FY) 2027 funding in the amount of \$92.786 million supports Cyber Analytics (CA), DCO Tools Suite, User Activity Monitoring (UAM), Forensics and Malware Analysis (F&MA), DCO Development Environment (DCODE), Garrison DCO Platform (GDP), and Deployable DCO System (DDS) capabilities. Funding will be executed by Program Executive Office - Intelligence, Electronic Warfare and Sensors (CPE IEW&S).

- ARCYBER Rapid Cyber Prototyping (RCP) provides software-based capabilities that can quickly respond to emerging cyber threats and keep up with threat technology, while supporting multi-Domain operations. ARCYBER identifies potential development and prototyping efforts via Cyber Needs Forms (CNFs) based on operational feedback, changes in the operational information environment and/or trends of adversarial activity, which drive concept of operation (CONOP) and Tactics Techniques and Procedures (TTPs) modifications. These are separate and distinct from DCO programmed efforts already funded or budgeted for by Project Manager (PM) DCO and are used to rapidly address a network threat/vulnerability. FY 2027 funding in the amount of \$1.309 million will be executed by ARCYBER.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2027 Army	Date: April 2026
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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 8: Software and Digital Technology Pilot Programs</i>	R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>
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B. Program Change Summary (\$ in Millions)	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Previous President's Budget	74.548	89.238	0.000	-	0.000
Current President's Budget	74.548	89.238	94.095	-	94.095
Total Adjustments	0.000	0.000	94.095	-	94.095
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	94.095	-	94.095

Change Summary Explanation

FY 2027 funding increase reflects the fact that the FY 2026 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2027 Army										Date: April 2026		
Appropriation/Budget Activity 2040 / 8					R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>				Project (Number/Name) CD1 / <i>Defensive Cyber - Software Prototype Devel</i>			
COST (\$ in Millions)	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	Cost To Complete	Total Cost
CD1: <i>Defensive Cyber - Software Prototype Devel</i>	-	74.548	89.238	94.095	-	94.095	95.122	94.927	94.990	95.836	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Details provided under separate cover.

A. Mission Description and Budget Item Justification

- Defensive Cyber Operations (DCO) programs are key elements of the DCO Maneuver Baseline infrastructure, platform, and tools. The employment of defensive capabilities achieves the following objectives: deter, destroy and defeat cyberspace threats; gain time; economy of force; control key terrain; protect tasked critical assets and infrastructure; and develop intelligence.

DCO consists of software and platform programs which are key elements of the DCO Maneuver Baseline infrastructure, platform, and tools. DCO supports the Army Cyber Command (ARCYBER), Information Warfare Operations Center (IWOC), Army Forces Command (FORSCOM), Global Cyber Centers (GCC), Regional Cyber Centers (RCCs), Cyber Warfare Battalion (CWB), Multi-Domain Task Force (MDTF), Cyber Protection Brigade (CPB), and Cyber Protection Teams (CPTs) in the Active Army, Army National Guard, and the Army Reserve. Fiscal Year (FY) 2027 funding in the amount of \$92.786 million supports Cyber Analytics (CA), DCO Tools Suite, User Activity Monitoring (UAM), Forensics and Malware Analysis (F&MA), DCO Development Environment (DCODE), Garrison DCO Platform (GDP), and Deployable DCO System (DDS) capabilities. Funding will be executed by Program Executive Office - Intelligence, Electronic Warfare and Sensors (CPE IEW&S).

- ARCYBER Rapid Cyber Prototyping (RCP) provides software-based capabilities that can quickly respond to emerging cyber threats and keep up with threat technology, while supporting multi-Domain operations. ARCYBER identifies potential development and prototyping efforts via Cyber Needs Forms (CNFs) based on operational feedback, changes in the operational information environment and/or trends of adversarial activity, which drive concept of operation (CONOP) and Tactics Techniques and Procedures (TTPs) modifications. These are separate and distinct from DCO programmed efforts already funded or budgeted for by Project Manager (PM) DCO and are used to rapidly address a network threat/vulnerability. FY 2027 funding in the amount of \$1.309 million will be executed by ARCYBER.

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

	FY 2025	FY 2026	FY 2027
Title: Defensive Cyber Operations - (See Classified QUAD for more information)	73.245	88.393	92.786
Description: DCO Cyberspace Analytics Data Platform - Gabriel Nimbus (GN) is a scalable software-based, hardware agnostic capability hosted in the cloud. GN provides data indexing, user interfaces, and visualization tools accessible to cyberspace defenders at all echelons to facilitate cyber counter-reconnaissance activities meant to discover the presence of advanced or sophisticated cyber threats and vulnerabilities.			
FY 2026 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2027 Army		Date: April 2026
Appropriation/Budget Activity 2040 / 8	R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>	Project (Number/Name) CD1 / <i>Defensive Cyber - Software Prototype Devel</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2025	FY 2026	FY 2027
<p>FY 2026 funds will support the Army Cyber Command (ARCYBER), Information Warfare Operations Center (IWOC), Army Forces Command (FORSCOM), Global Cyber Centers (GCC), Regional Cyber Centers (RCCs), Cyber Warfare Battalion (CWB), Multi-Domain Task Force (MDTF), Cyber Protection Brigade (CPB), and Cyber Protection Teams (CPTs) in COMPO 1/2/3. Fiscal Year (FY) 2027 funding in the amount of \$92.786 million supports Cyber Analytics (CA), DCO Tools Suite, User Activity Monitoring (UAM), Forensics and Malware Analysis (F&MA), DCO Development Environment (DCODE), Garrison DCO Platform (GDP), and Deployable DCO System (DDS) capabilities. Funding will be executed by Program Executive Office - Intelligence, Electronic Warfare and Sensors (CPE IEW&S).</p> <p>FY 2027 Plans: Funds support DCO Programs of Records (PoRs). Additional information is available at a higher classification.</p> <p>FY 2026 to FY 2027 Increase/Decrease Statement: FY 2027 funding increase supports DCO's PoRs. Additional information is available at a higher classification.</p>			
<p>Title: Rapid Cyber Prototyping (ARCYBER) - (See Classified QUAD for more information)</p> <p>Description: ARCYBER Rapid Cyber Prototyping program provides the ability to very quickly identify, prototype, pilot, and assess cutting-edge non-program-of-record cyber-operations peculiar technologies and capabilities against ARCYBER's realistic environments and data to tailor capabilities and prototypes to ARCYBER's needs.</p> <p>FY 2026 Plans: FY 2026 funding continues to support a state-of-the-art collaboration environment that brings industry, academia, and government partners together. Additional information is available at a higher classification.</p> <p>FY 2027 Plans: FY 2027 funding focuses on ARCYBER Rapid Cyber Prototyping program. Additional details provided under separate cover.</p> <p>FY 2026 to FY 2027 Increase/Decrease Statement: FY 2027 funding increase supports the ARCYBER Rapid Cyber Prototyping program. Additional details provided under separate cover.</p>	1.303	0.845	1.309
Accomplishments/Planned Programs Subtotals	74.548	89.238	94.095

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

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Exhibit R-2A, RDT&E Project Justification: PB 2027 Army		Date: April 2026
Appropriation/Budget Activity 2040 / 8	R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>	Project (Number/Name) CD1 / <i>Defensive Cyber - Software Prototype Development</i>

D. Acquisition Strategy

Details provided under separate cover.

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Exhibit R-4, RDT&E Schedule Profile: PB 2027 Army		Date: April 2026
Appropriation/Budget Activity 2040 / 8	R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>	Project (Number/Name) CD1 / <i>Defensive Cyber - Software Prototype Devel</i>

Event Name	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031			
	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
Defensive Cyber Operations - (See Classified QUAD for mo...																												
<i>DCO Continuous Modernization</i>																												
DCO-ARCYBER Rapid Cyper Prototyping (Prototype / Capabi...																												
<i>DCO ARCYBER RCP (Rapid Proto/Capability Assessments/AI/Data Applied Research)</i>																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2027 Army		Date: April 2026
Appropriation/Budget Activity 2040 / 8	R-1 Program Element (Number/Name) PE 0608041A / <i>Defensive CYBER - Software Prototype Development</i>	Project (Number/Name) CD1 / <i>Defensive Cyber - Software Prototype Devel</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Defensive Cyber Operations - (See Classified QUAD for more information)	2	2021	4	2030
DCO-ARCYBER Rapid Cyper Prototyping (Prototype / Capability Assessments) (See Classified QUAD for more information)	1	2024	4	2029