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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army **Date:** March 2024

Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)	R-1 Program Element (Number/Name) PE 0605450A / Joint Air-to-Ground Missile (JAGM)
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	0.000	2.280	3.014	3.030	0.000	3.030	0.000	0.000	0.000	0.000	Continuing	Continuing
JAG6: Joint Air-To-Ground Missile (JAGM)	-	2.280	3.014	3.030	-	3.030	-	-	-	-	Continuing	Continuing

Program MDAP/MAIS Code: 355

A. Mission Description and Budget Item Justification

The AGM-179 Joint Air-to-Ground Missile (JAGM) program is an Army-led, Acquisition Category (ACAT) 1C Major Defense Acquisition Program (MDAP) with joint interest with the Navy, Marine Corps, and Air Force. JAGM is the next generation, multi-mode, air-to-ground munition replacing legacy HELLFIRE (HF) and HF Longbow munitions. JAGM will be used for destruction of high-value land and maritime targets, moving or stationary, and is capable of being fired from any platform currently firing HF from a US Army-issued M299 launcher. JAGM utilizes a HF back-end (propulsion, warhead and control system) with a new-design, Millimeter Wave (MMW) and Semi-Active Laser (SAL), multi-mode guidance section. The multi-mode capability provides fire-and-forget and precision-point targeting as well as unique, blended modes of each, for improved capability over legacy munitions.

FY 2025 dollars in the amount of \$3.030 million will continue the objective platform review, analysis, and threat management.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	2.366	3.014	3.024	-	3.024
Current President's Budget	2.280	3.014	3.030	-	3.030
Total Adjustments	-0.086	0.000	0.006	-	0.006
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.001	-			
• SBIR/STTR Transfer	-0.087	-			
• Adjustments to Budget Years	-	-	0.006	-	0.006

Change Summary Explanation

Increased funding due to revised economic assumptions.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Army										Date: March 2024		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605450A / Joint Air-to-Ground Missile (JAGM)				Project (Number/Name) JA6 / Joint Air-To-Ground Missile (JAGM)			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
JA6: Joint Air-To-Ground Missile (JAGM)	-	2.280	3.014	3.030	-	3.030	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The AGM-179 Joint Air-to-Ground Missile (JAGM) program is an Army-led, Acquisition Category (ACAT) IC Major Defense Acquisition Program (MDAP) with joint interest with the United States (U.S.) Air Force, U.S. Marine Corps (USMC), and U.S. Navy. The JAGM is the next generation of aviation-launched, fire and forget missiles to replace the HELLFIRE Laser and Longbow radar missiles. JAGM will be used by joint service aircraft for destruction of high value stationary, moving, and relocatable land and maritime targets from standoff range in day, night, adverse weather, and obscured battlefield conditions.

FY 2025 dollars in the amount of \$3.030 million will continue the objective platform review, analysis, and threat management.

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

	FY 2023	FY 2024	FY 2025
Title: Integration and Counter Measure/Threat Management	2.280	3.014	3.030
Description: The Air-to-Ground Missile Systems (AGMS) Product Office and Other Government Agencies (OGAs) will continue objective platform review, analysis, and threat management. The AGMS Product Office and OGAs will perform technical assessments, concept studies, prepare documentation, and perform demonstrations and risk reduction efforts.			
FY 2024 Plans: The AGMS Product Office will continue to address design and development of Congressional mandates to include extended range motor and third sensor. AGMS teams will support development of technical documentation to include master test plans, specifications, diagrams, drawings, test reports, and requirements documentation. AGMS will also support long lead test procurement, risk reduction assessments, and all required design verification testing.			
FY 2025 Plans: The AGMS Product Office will continue to address design and development of Congressional mandates to include extended range motor and third sensor. AGMS teams will support development of technical documentation to include master test plans, specifications, diagrams, drawings, test reports, and requirements documentation. AGMS will also support long lead test procurement, risk reduction assessments, and all required design verification testing.			
FY 2024 to FY 2025 Increase/Decrease Statement: Increased funding reflects planned lifecycle of the effort.			
Accomplishments/Planned Programs Subtotals	2.280	3.014	3.030

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605450A / Joint Air-to-Ground Missile (JAGM)	Project (Number/Name) JA6 / Joint Air-To-Ground Missile (JAGM)

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

Line Item	FY 2023	FY 2024	FY 2025	FY 2025	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Cost To	
			Base	OCO	Total					Complete	Total Cost
• C70302: Joint Air-to-Ground MSLS (JAGM)	216.030	303.409	47.582	-	47.582	192.134	176.011	181.864	183.683	5,021.811	6,322.524
• NAVY - 0605450M: Navy JAGM Missile RDT&E	0.392	-	0.393	-	0.393	0.392	-	-	-	Continuing	Continuing
• NAVY - 0206138M: Navy JAGM Missile Procurement	79.804	-	76.838	-	76.838	79.804	-	-	-	Continuing	Continuing
• AF - 0201109F: Air Force Missile Procurement	-	-	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

JAGM received its Full Rate Production decision 21 September 2022 and declared IOC in March 2022. JAGM shares a production line with HELLFIRE and achieves minimum sustaining rate through a combination of procurements supporting Army, Air Force, Navy and FMS requirements. JAGM lowers Army missile costs by maximizing procurements with other services. JAGM mitigates obsolescence while maintaining combat overmatch through an Engineering Services Contract and uses Engineering Change Proposals for insertion of Safety, Reliability, Affordability, Producibility, and Obsolescence technologies as they mature.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army												Date: March 2024			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0605450A / Joint Air-to-Ground Missile (JAGM)				JA6 / Joint Air-To-Ground Missile (JAGM)							
Management Services (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
System Eng/ Project Management	C/LH	Various : Various	85.430	0.104	Mar 2023	0.195	Mar 2024	0.196	Mar 2025	-		0.196	Continuing	Continuing	Continuing
Subtotal			85.430	0.104		0.195		0.196		-		0.196	Continuing	Continuing	N/A
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
JAGM Engineering Services	SS/CPFF	Lockheed Martin : Orlando, FL	10.212	1.300	Mar 2023	1.921	Mar 2024	1.934	Mar 2025	-		1.934	Continuing	Continuing	Continuing
Subtotal			10.212	1.300		1.921		1.934		-		1.934	Continuing	Continuing	N/A
Remarks															
(C / FFP) - Competitive/Firm Fixed Price															
(C / CPFF) - Competitive/Cost-Plus Fixed Fee															
(C / LH) - Competitive/Labor Hour															
(SS / FFP) - Sole Source/Firm Fixed Price															
(C / FPIF) - Competitive/Fixed Price Incentive (Firm Target)															
Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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 Gov Agencies	C/LH	Various : Various	136.524	0.876	Mar 2023	0.898	Mar 2024	0.900	Mar 2025	-		0.900	Continuing	Continuing	Continuing
Subtotal			136.524	0.876		0.898		0.900		-		0.900	Continuing	Continuing	N/A
Project Cost Totals			232.166	2.280		3.014		3.030		-		3.030	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army			Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605450A / Joint Air-to-Ground Missile (JAGM)	Project (Number/Name) JA6 / Joint Air-To-Ground Missile (JAGM)	

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029							
	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				
Integration and Counter Measure/Threat Management																																

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605450A / <i>Joint Air-to-Ground Missile (JAGM)</i>	Project (Number/Name) JA6 / <i>Joint Air-To-Ground Missile (JAGM)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Integration and Counter Measure/Threat Management	1	2019	4	2025

Note
 MS: Milestone
 IOC: Initial Operational Capability
 IOT&E: Initial Operational Test & Evaluation
 CATM: Captive Air Training Missile
 HW: Hardware
 SW: Software