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

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605830A / <i>Aviation Ground Support Equipment</i>
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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	-	2.851	1.167	0.979	-	0.979	0.980	0.991	1.002	1.011	Continuing	Continuing
EE5: <i>Aviation Ground Support Equipment</i>	-	2.851	1.167	0.979	-	0.979	0.980	0.991	1.002	1.011	Continuing	Continuing

A. Mission Description and Budget Item Justification

Aviation Ground Support Equipment (AGSE) Product Office conducts testing and evaluation on critical ground support equipment to enhance the functionality and maintenance of enduring and Future Vertical Lift (FVL) aircraft. This is accomplished by providing aircraft diagnostic, repair and servicing capabilities required to support Army Aviation readiness. Priority efforts include Aviation Ground Power Unit (AGPU 1.1), Aircraft Cleaning and Deicing System (ACDS), and Future Vertical Lift.

B. Program Change Summary (\$ in Millions)

	<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	2.959	1.167	1.002	-	1.002
Current President's Budget	2.851	1.167	0.979	-	0.979
Total Adjustments	-0.108	0.000	-0.023	-	-0.023
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.108	-			
• Adjustments to Budget Years	-	-	-0.023	-	-0.023

Change Summary Explanation

Decrease in FY25 funding from the previous PB to the current PB is due to an Army approved minor reduction.

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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 0605830A / Aviation Ground Support Equipment	Project (Number/Name) EE5 / Aviation Ground Support Equipment
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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
EE5: Aviation Ground Support Equipment	-	2.851	1.167	0.979	-	0.979	0.980	0.991	1.002	1.011	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Aviation Ground Support Equipment (AGSE) Product Office conducts testing and evaluation on critical ground support equipment to enhance the functionality and maintenance of enduring and Future Vertical Lift (FVL) aircraft. This is accomplished by providing aircraft diagnostic, repair and servicing capabilities required to support Army Aviation readiness. Priority efforts include Aviation Ground Power Unit (AGPU 1.1), Aircraft Cleaning and Deicing System (ACDS) and Future Vertical Lift.

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

	FY 2023	FY 2024	FY 2025
Title: Aviation Ground Power Unit Next Generation (AGPU 1.1)	2.851	1.167	0.979
Description: The AGPU 1.1 provides external hydraulic, pneumatic, and AC/DC electrical power to meet enduring and future Army aircraft servicing requirements.			
FY 2024 Plans: Integrate AGPU1.1 Pre-Planned Product Improvements (P3I) in support of Future Vertical Lift, (FVL).			
FY 2025 Plans: Integrate AGPU1.1 Product Improvements in support of Future Vertical Lift, (FVL).			
FY 2024 to FY 2025 Increase/Decrease Statement: FY25 funding decreased from FY24 due to the transition of the AGPU 1.1 from full developmental activities into a continuous improvement and development posture as the AGPU 1.1 transitioned into production in FY24.			
Accomplishments/Planned Programs Subtotals	2.851	1.167	0.979

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

Line Item	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
• AZ3520: AVIATION GROUND SUPPORT EQUIPMENT	19.918	25.752	31.181	-	31.181	32.420	32.420	33.437	25.983	0.000	201.111

Remarks

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D. Acquisition Strategy

This project is an aggregate of Aviation Ground Support Equipment (AGSE) products. While the detailed acquisition strategy varies from product to product, the general strategy is to test and evaluate commercial items and modify for military use.

AGPU 1.1 production contract will be awarded in FY24.

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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 0605830A / Aviation Ground Support Equipment	Project (Number/Name) EE5 / Aviation Ground Support Equipment

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
Aviation Ground Power Unit 1.1 (AGPU 1.1)	AGPU1.1 Testing																											
Aviation Ground Power Unit (AGPU 1.1) Product Improvements									AGPU1.1 Product Improvements																			
AGSE Future Vertical Lift Assessment																	AGSE Future Vertical Lift Assessment											
Aircraft Cleaning and Deicing System (ACDS)																	ACDS											

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Aviation Ground Power Unit 1.1 (AGPU 1.1)	1	2021	4	2023
Aviation Ground Power Unit (AGPU 1.1) Product Improvements	3	2024	4	2025
AGSE Future Vertical Lift Assessment	1	2026	4	2027
Aircraft Cleaning and Deicing System (ACDS)	1	2027	4	2029