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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 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0607136A / <i>Blackhawk Product Improvement Program</i>							
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	-	-	1.507	25.000	-	25.000	27.000	35.000	47.000	57.000	Continuing	Continuing
ES3: <i>Blackhawk Product Improvement Program</i>	-	-	1.507	25.000	-	25.000	27.000	35.000	47.000	57.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

MEDEVAC (Medical Evacuation):

Independent of the UH-60V Program of Record and Acquisition Program Baseline (APB), incremental RDT&E funding was utilized to support integration of a MEDEVAC capability on UH-60V in FY 2019-2022 and planned in FY 2024 for Follow-On Test and Evaluation (FOT&E). In accordance with AR 40-60, Medical Materiel Acquisition Policy, the Army's Aeromedical Evacuation capability is funded by two portfolio managers, Program Executive Office for Aviation (PEOAVN) and the Medical Research Development Command, (MRDC). PEOAVN is responsible for the integration of MEDEVAC Mission Equipment Package (MEP) on the UH-60V. MRDC is responsible for recurring costs to procure kits and resource the installation of MEP kits on UH-60V MEDEVAC helicopters.

Blackhawk H60M Targeted Modernization:

Airframe enhancements for the Improved Turbine Engine (ITE) will be developed and qualified through existing Engineering Services contracts with the H-60M prime Contractor, either in parallel or in sequence with ITE integration into the aircraft. These enhancements are not required to integrate the T901 into the Black Hawk but will allow the platform to fully harness the power of ITE, which increases range and lift capabilities of the aircraft.

<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	0.000	1.507	0.000	-	0.000
Current President's Budget	0.000	1.507	25.000	-	25.000
Total Adjustments	0.000	0.000	25.000	-	25.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	25.000	-	25.000

Change Summary Explanation

FY2025 funding increase of \$25 million supports the implementation of ITE Targeted Modernization.

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Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607136A / <i>Blackhawk Product Improvement Program</i>				Project (Number/Name) ES3 / <i>Blackhawk Product Improvement Program</i>			
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
ES3: <i>Blackhawk Product Improvement Program</i>	-	-	1.507	25.000	-	25.000	27.000	35.000	47.000	57.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

MEDEVAC:
The Utility Helicopter Project Office (UHPO) is responsible for day-to-day test management activities to include the execution of all developmental and operational tests for the UH-60V MEDEVAC program. For this effort, the UHPO will manage Follow-On Operational Test and Evaluation (FOT&E) necessary to demonstrate the integration of the MEDEVAC MEP kits onto the UH-60V platform and evaluate the ability of MEDEVAC units to execute operational missions equipped with production UH-60V aircraft that include the MEDEVAC MEP.

Blackhawk H60M Targeted Modernization:
Airframe enhancements for the Improved Turbine Engine (ITE) will be developed and qualified through existing Engineering Services contracts with the H-60M prime Contractor, either in parallel or in sequence with ITE integration into the aircraft. These enhancements are not required to integrate the T901 into the Black Hawk but will allow the platform to fully harness the power of ITE, which increases range and lift capabilities of the aircraft.

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

	FY 2023	FY 2024	FY 2025
Title: MEDEVAC Test & Evaluation	-	1.507	-
Description: The Utility Helicopter Project Office (UHPO) is responsible for day-to-day test management activities to include the execution of all developmental and operational tests for the UH-60V MEDEVAC program. For this effort, the UHPO will manage Follow-On Operational Test and Evaluation (FOT&E) necessary to demonstrate the integration of the MEDEVAC MEP kits onto the UH-60V platform and evaluate the ability of MEDEVAC units to execute operational missions equipped with production UH-60V aircraft that include the MEDEVAC MEP.			
FY 2024 Plans: FOT&E is required to evaluate the UH-60V MEDEVAC effectiveness, suitability, and survivability.			
FY 2024 to FY 2025 Increase/Decrease Statement: UH-60V MEDEVAC FOT&E will be fully funded in FY 2024; therefore, no funding is required in FY 2025.			
Title: ITE Airframe Enhancements	-	-	25.000

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p>Description: ITE enhancements will be developed and qualified through existing Engineering Services contracts with the H-60M prime Contractor, either in parallel or in sequence with ITE integration into the aircraft. These enhancements are not required to integrate the T901 into the Black Hawk but will allow the platform to fully harness the power of ITE, increases range and lift capabilities of the aircraft.</p> <p>FY 2025 Plans: Airframe enhancements for the Improved Turbine Engine (ITE) will be developed and qualified through existing Engineering Services contracts with the H-60M prime Contractor, either in parallel or in sequence with ITE integration into the aircraft. These enhancements are not required to integrate the T901 into the Black Hawk but will allow the platform to fully harness the power of ITE, which increases range and lift capabilities of the aircraft.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: FY2025 funding increase of \$25 million supports the implementation of ITE Targeted Modernization.</p>			
Accomplishments/Planned Programs Subtotals	-	1.507	25.000

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• Q13015: <i>MEDICAL EVACUATION</i>	32.164	7.618	1.991	-	1.991	1.787	2.320	9.031	10.517	0.000	65.428

Remarks
Q13015000 MEDICAL EVACUATION provides procurement funding for MEDEVAC MEP capability on UH-60 helicopters. Per requirements, starting in FY 2022, Q13015000 will resource procurement of MEDEVAC MEP kits and installations. Figures shown above reflect the full FL8D/Q13015000/OPA/MEDICAL EVACUATION funding line, which includes the production kits and MEP installation costs at Corpus Christy Army Depot (CCAD) as well as other non-MEDEVAC funding requirements. Q13015000 OPA funding provided for UH-60V MEDEVAC MEP requirements in FY2024 was \$4.6 million with zero planned MEDEVAC Funding in FY2025 and beyond.

D. Acquisition Strategy
Independent of the UH-60V Program of Record and Acquisition Program Baseline (APB), the MEDEVAC MEP program plans to utilize the U. S. Army Development Command (DEVCOM) Aviation and Missile Center (AVMC) and Prototype Integration Facility (PIF) to design and integrate MEDEVAC capability into the UH-60V. By leveraging the same GOGO facility utilized by the UH-60V program, efficient design, software development, integration, and testing will occur by eliminating redundant tasks and employing experienced government resources already in possession of pertinent UH-60V technical data required to support the MEDEVAC MEP nonrecurring engineering (NRE) effort. Prototype, validation, and verification of technical publications, as well as airworthiness testing, will be accomplished following completion of the UH-60V Initial Operation Test and Evaluation (IOT&E), at which time one UH-60V Engineering Development Model (EDM) and two Low-Rate Initial Production (LRIP) aircraft will be allocated to the MEDEVAC MEP program. Following completion of MEDEVAC MEP NRE, technical products will feed production

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and fielding contracts, which will be resourced by the U.S. Army Medical Department, AMEDD. Procurement funding is programmed on Q13015000 MEDICAL EVACUATION.

Blackhawk H60M Targeted Modernization: ITE Airframe enhancements will be developed and qualified through an Engineering Service contracts with the H-60M prime Contractor (Sikorsky).

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army **Date:** March 2024

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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
ITE Airframe Enhancements	Option/IDIQ	Sikorsky : Stratford, Connecticut	-	-		-		25.000	Jan 2025	-		25.000	0.000	25.000	Continuing
Subtotal			-	-		-		25.000		-		25.000	0.000	25.000	N/A

Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
MEDEVAC Test and Evaluation	MIPR	Redstone Test Center : Redstone Arsenal, AL	1.414	-		1.507	Dec 2023	-		-		-	0.000	2.921	-
Subtotal			1.414	-		1.507		-		-		-	0.000	2.921	N/A

Remarks
Government Support

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	1.414	-	1.507	25.000	-	25.000	0.000	27.921	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
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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
MEDEVAC MEP Integration Management Services (RDTE)	[Redacted]				[Redacted]																							
	MEDEVAC MEP Integration Management Services																											
MEDEVAC MEP Product Development and Integration (RDTE)	[Redacted]				[Redacted]																							
	MEDEVAC MEP Product Development and Integration																											
MEDEVAC MEP Integration Support (RDTE)	[Redacted]				[Redacted]																							
	MEDEVAC MEP Integration Support																											
MEDEVAC MEP Integration Test and Evaluation (RDTE)	[Redacted]				[Redacted]																							
	MEDEVAC MEP Integration Test and Evaluation																											
Blade Improvement Blackhawk (RDTE)	[Redacted]				[Redacted]																							
	Blade Improvement Blackhawk (Product Development)																											
ITE Airframe Enhancements	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]							
	ITE Airframe Enhancements																											

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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
MEDEVAC MEP Integration Management Services (RDTE)	1	2019	4	2023
MEDEVAC MEP Product Development and Integration (RDTE)	1	2019	4	2023
MEDEVAC MEP Integration Support (RDTE)	4	2019	4	2023
MEDEVAC MEP Integration Test and Evaluation (RDTE)	2	2021	4	2024
Blade Improvement Blackhawk (RDTE)	3	2023	3	2024
ITE Airframe Enhancements	2	2025	1	2032