

**UNCLASSIFIED**

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

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A
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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	597.858	15.805	25.737	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	639.400
672021: <i>MH-139A</i>	597.858	15.805	17.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	630.942
672023: <i>MH-139A PE/PI</i>	0.000	0.000	8.458	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.458

**Program MDAP/MAIS Code:** 562

**A. Mission Description and Budget Item Justification**

The MH-139A Grey Wolf will replace the Air Force fleet of UH-1N aircraft, and offers a significant capability increase in areas of speed, range, endurance, payload, and survivability. Currently, funding is available to procure 42 MH-139A helicopters, training devices, and associated support equipment. The replacement aircraft will provide vertical airlift and support the requirements of five Air Force major commands and operating agencies: Air Force Global Strike Command (AFGSC), Air Force Reserve Command (AFRC), Air Education and Training Command (AETC), Air Force District of Washington (AFDW), and Air Force Materiel Command (AFMC). AFGSC is the Air Force lead command and operational capability requirements sponsor. This program is an element of the Air Force's nuclear enterprise reform initiatives.

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 elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2023, \$3.542 million was expended for civilian pay expenses in this program element, and in FY 2024 \$2.750 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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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	15.922	25.737	9.057	0.000	9.057
Current President's Budget	15.805	25.737	0.000	0.000	0.000
Total Adjustments	-0.117	0.000	-9.057	0.000	-9.057
• 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	-0.117	0.000			
• Other Adjustments	0.000	0.000	-9.057	0.000	-9.057

**Change Summary Explanation**

FY 2025 funding request was decreased due to pausing of Performance Enhancement/Product Improvement (PE/PI) efforts for fiscal constraints.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A				<b>Project (Number/Name)</b> 672021 / MH-139A			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
672021: MH-139A	597.858	15.805	17.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	630.942
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

The MH-139A program will replace the Air Force fleet of UH-1N aircraft with modern helicopters that will close significant mission capability gaps associated with the current fleet of UH-1N aircraft. The replacement aircraft will provide vertical airlift and support the requirements of five Air Force major commands and operating agencies: Air Force Global Strike Command (AFGSC), Air Force Reserve Command (AFRC), Air Education and Training Command (AETC), Air Force District of Washington (AFDW), and Air Force Material Command (AFMC). AFGSC is the Air Force lead command and operational capability requirements sponsor. This program is an element of the Air Force's nuclear enterprise reform initiatives.

Program includes, but is not limited to, funding for four test aircraft and two System Demonstration Test Article (SDTA) aircraft, support equipment, Interim Contractor Support (ICS), training system devices, Type I training and course ware, extension of NDI integration as a result of Identification Friend or Foe (IFF) and security forces communication capability, cyber test articles, associated Government support activities, completion of Engineering and Manufacturing Development (EMD) Development Test (DT) and live-fire test and evaluation (LFT&E), and remedy of developmental test deficiencies.

The FY 2025 development efforts will conclude systems engineering efforts for civil certifications, systems engineering tasks, and management services. Execution begins for initial training, Initial Operational Test and Evaluation (IOT&E), and military type certificate. Government test and evaluations efforts will complete EMD DT and LFT&E, and transition to Phase 5 IOT&E and IOT&E support execution.

MH-139A funding also supports obsolescence solutions and 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 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 elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2023, \$3.542 million was expended for civilian pay expenses in this program element, and in FY 2024 \$2.750 million is forecast for civilian pay expenses in this program element.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> MH-139A Development	9.005	11.279	0.000
<b>Description:</b> Development of MH-139A helicopter and integration of non-developmental item (NDI) hardware, software, and other capabilities into aircraft system, training systems, support elements and technical/manufacturing baselines to achieve MH-139A operational capability requirements.			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672021 / MH-139A

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p><b>FY 2024 Plans:</b> Will continue systems engineering efforts for civil certifications, systems engineering tasks, DT, LFT&amp;E and management services. Includes extension of NDI integration as a result of Identification Friend or Foe (IFF) and security forces communication capability. Execution begins for initial training, IOT&amp;E, and air worthiness certification.</p> <p><b>FY 2025 Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding request was decreased due to pausing of Performance Enhancement/Product Improvement (PE/PI) efforts for fiscal constraints.</p>			
<p><b>Title:</b> MH-139A Government Test and Evaluation</p> <p><b>Description:</b> System and subsystem test and evaluation and remedy of deficiencies of the MH-139A aircraft.</p> <p><b>FY 2024 Plans:</b> Will conclude EMD DT, LFT&amp;E, and transition to Phase 5 IOT&amp;E and IOT&amp;E support execution.</p> <p><b>FY 2025 Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding request was decreased due to pausing of Performance Enhancement/Product Improvement (PE/PI) efforts for fiscal constraints.</p>	6.800	6.000	0.000
<b>Accomplishments/Planned Programs Subtotals</b>	15.805	17.279	0.000

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• APAF 04 Line Item H0106O: <i>UH-1N Replacement</i>	186.192	228.807	294.095	-	294.095	159.817	177.854	146.696	79.876	0.000	1,273.337
• APAF 05 H01061: <i>MH-139A Mod</i>	0.000	0.000	5.010	-	5.010	5.011	5.010	5.010	5.010	0.000	25.051
• APAF 06 Line Item H0106O: <i>UH-1N Replacement Initial Spares/Repair Parts</i>	11.253	20.314	34.393	-	34.393	28.581	23.949	24.448	24.934	0.000	167.872
• MILCON 0: <i>UH-1N Replacement - Primary Facility</i>	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672021 / MH-139A
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**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>
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**Remarks**

**D. Acquisition Strategy**

The Air Force intends to procure an airworthiness-certified baseline helicopter that requires non-developmental item integration (e.g. Electro-Optical/Infrared Sensor, personnel recovery hoists, cockpit/cabin armor, etc.) and training systems to meet all operational capability requirements. The MH-139A acquisition approach is a single step to full capability. This provision is reflected in the acquisition strategy underpinning the basic contract and its pre-priced options. The current program scope is compliant with the requirements basis in the UH-1N Replacement Capability Production Document (CPD). The MH-139A program entered at pre-MS C to allow interested offerors an opportunity to integrate NDI into their existing, airworthiness-certified baseline Air Vehicle (AV) to meet all UH-1N Replacement requirements. The system will consist of non-proprietary or suitably licensed components and leverage non-developmental software to the extent possible within the constraints of the chosen system. Specific acquisition and contracting strategies for Research, Development, Test, and Evaluation (RDT&E) funded integration tasks and the test and evaluation program will be determined as part of the overall program strategy.

FAA certification approvals extended EMD DT schedule and pushed Operational Test into FY 2025. Performance Enhancements and Product Improvement (PE/PI) efforts are beginning to solve deficiencies found throughout testing.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force												Date: March 2024			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
3600 / 7				PE 0102110F / MH-139A				672021 / MH-139A							
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
MH-139 weapon system integration and type/airworthiness certification	C/FFP	Boeing : Philadelphia, PA	480.816	4.208	Dec 2022	6.807	Dec 2023	-		-		-	0.000	491.831	-
<b>Subtotal</b>			480.816	4.208		6.807		-		-		-	0.000	491.831	N/A
Support (\$ 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
MH-139 Other Government Costs	C/Various	Various : TBD	21.702	1.255	Jan 2023	1.270	Jan 2024	-		-		-	0.000	24.227	-
MH-139 Direct Cite Authority CIV Pay	C/Various	Various : TBD	14.015	3.542	Jan 2023	2.750	Oct 2023	-		-		-	0.000	20.307	-
<b>Subtotal</b>			35.717	4.797		4.020		-		-		-	0.000	44.534	N/A
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
MH-139 live fire, developmental, and operational test and evaluation, planning and technical support	Various	Various : TBD	39.841	6.800	Dec 2022	6.000	Dec 2023	-		-		-	0.000	52.641	-
<b>Subtotal</b>			39.841	6.800		6.000		-		-		-	0.000	52.641	N/A
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
MH-139 Program Support Costs	Various	Various : TBD	8.013	0.000	Dec 2022	0.452	Dec 2023	-		-		-	0.000	8.465	-

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672021 / MH-139A
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<b>Management Services (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
MH-139 A&AS Support	C/CPFF	EPASS : Dayton, OH	33.471	-		-		-		-		-	0.000	33.471	-
<b>Subtotal</b>			41.484	0.000		0.452		-		-		-	0.000	41.936	N/A
<b>Project Cost Totals</b>			597.858	15.805		17.279		-		-		-	0.000	630.942	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672021 / MH-139A
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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

<b><i>MH-139A Program</i></b>	
MH-139A NDI Contract	
Initial Operational Test and Evaluation	
Developmental Test and Evaluation	
Live Fire Test	
Milestone C	
Subsystem Integration and Air Worthiness	

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672021 / MH-139A

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>MH-139A Program</i></b>				
MH-139A NDI Contract	1	2023	4	2025
Initial Operational Test and Evaluation	4	2024	3	2025
Developmental Test and Evaluation	1	2023	3	2024
Live Fire Test	1	2023	4	2024
Milestone C	2	2023	2	2023
Subsystem Integration and Air Worthiness	1	2023	4	2025

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A				<b>Project (Number/Name)</b> 672023 / MH-139A PE/PI			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
672023: MH-139A PE/PI	0.000	0.000	8.458	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.458
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

The MH-139A program will replace the Air Force fleet of UH-1N aircraft with modern helicopters that will close significant mission capability gaps associated with the current fleet of UH-1N aircraft. The replacement aircraft will provide vertical airlift and support the requirements of five Air Force major commands and operating agencies: Air Force Global Strike Command (AFGSC), Air Force Reserve Command (AFRC), Air Education and Training Command (AETC), Air Force District of Washington (AFDW), and Air Force Material Command (AFMC). AFGSC is the Air Force lead command and operational capability requirements sponsor. This program is an element of the Air Force's nuclear enterprise reform initiatives.

The MH-139A Performance Enhancements and Product Improvements Program is for the development of solutions to solve capability gaps found during the development and test of the MH-139A to include communication and gun systems deficiencies, improve mission planning capability, resolve usability concerns, and other critical capabilities, and includes associated Government test and support activities.

The program office will continue flight testing in support of modernization efforts to address emerging threats and evolving mission needs.

During FY 2025 the MH-139A program plans to continue performance enhancement efforts to include gun system deficiencies, mission planning, capability improvements, resolving usability concerns and other critical capabilities, establishing government oversight, contractor and government systems engineering tasks, non-recurring engineering, and demonstrations on various capability upgrades. FY 2025 will also include the beginning of test planning in support of capability upgrade efforts.

MH-139A funding also supports obsolescence solutions and 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 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 elements 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2023, \$0.000 million was expended for civilian pay expenses in this program element, and in FY 2024 \$0.000 million is forecast for civilian pay expenses in this program element.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> MH-139A Performance Enhancements	-	6.458	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672023 / MH-139A PE/PI

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p><b>Description:</b> Development and integration of MH-139A helicopter solutions to solve capability gaps found during development and test to include communication and gun system deficiencies, Mission Planning, improve capability, resolve usability concerns and other critical capabilities.</p> <p><b>FY 2024 Plans:</b> Continue systems engineering, integration and retrofit efforts to include but not limited to communication and gun system deficiencies, Mission Planning, improve capability, resolve usability concerns and other critical capabilities. Will continue government oversight, contractor and government systems engineering and integration tasks, non-recurring engineering (NRE), test and evaluation and production cut-in on various capability upgrades.</p> <p><b>FY 2025 Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding request was decreased due to pausing of Performance Enhancement/Product Improvement (PE/PI) efforts for fiscal constraints.</p>			
<p><b>Title:</b> MH-139A Government Test Planning, Test and Evaluation</p> <p><b>Description:</b> Planning for system and subsystem test and evaluation and remedy of deficiencies found during testing of the Performance Enhancement and Product Improvement solutions.</p> <p><b>FY 2024 Plans:</b> Will support continued expertise at lead DT organization, continue test planning, and begin test execution in support of capability upgrade efforts.</p> <p><b>FY 2025 Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding request was decreased due to pausing of Performance Enhancement/Product Improvement (PE/PI) efforts for fiscal constraints.</p>	-	2.000	0.000
<b>Accomplishments/Planned Programs Subtotals</b>	-	8.458	0.000

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• APAF 04 04 H0106O: MH-139A	186.192	228.807	294.095	-	294.095	159.817	177.854	146.696	79.876	0.000	1,273.337

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672023 / MH-139A PE/PI
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**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
• APAF 05 H01061: <i>MH-139A Mod</i>	0.000	0.000	5.010	-	5.010	5.011	5.010	5.010	5.010	0.000	25.051
• APAF 06 H01060: <i>UH-1N Replacement Program</i>	11.253	20.314	34.393	-	34.393	28.581	23.949	24.448	24.934	0.000	167.872
• MILCON UH-1N Replacement: <i>Primary Facility</i>	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	-	0.000	0.000

**Remarks**

**D. Acquisition Strategy**

Acquisition and contracting strategies for RDT&E funded integration tasks and the test and evaluation program to be pursued as follow on programs with the acquisition strategies deemed most appropriate. Critical capability improvements will be planned for installation in future production lots, or planned for integration into operational aircraft, and will include competitive selection for best value to the government.

FAA certification approvals extended EMD DT schedule and pushed Operational Test into FY 2025. Performance Enhancements and Product Improvement (PE/PI) efforts are beginning to solve deficiencies found throughout testing.



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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672023 / MH-139A PE/PI
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	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			
<b><i>MH-139A Performance Enhancements and Product Improvements</i></b>																															
Deficiency Reports Resolution																															
Test Planning																															
Gun Systems Upgrade Planning and Contract Award																															
Gun Systems Upgrade Development and Integration																															
Gun Systems T&E																															
Interim Gun Solution T&E																															
Mission Planning Upgrade Planning and Contract Award																															
Mission Planning Upgrade Development and Integration																															
Mission Planning Upgrade T&E																															

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102110F / MH-139A	<b>Project (Number/Name)</b> 672023 / MH-139A PE/PI
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>MH-139A Performance Enhancements and Product Improvements</i></b>				
Deficiency Reports Resolution	1	2023	4	2025
Test Planning	1	2024	4	2025
Gun Systems Upgrade Planning and Contract Award	1	2023	2	2024
Gun Systems Upgrade Development and Integration	2	2024	4	2025
Gun Systems T&E	1	2025	4	2025
Interim Gun Solution T&E	3	2024	1	2025
Mission Planning Upgrade Planning and Contract Award	1	2024	4	2024
Mission Planning Upgrade Development and Integration	1	2025	4	2025
Mission Planning Upgrade T&E	1	2025	4	2025