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**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 0605278F / <i>HC/MC-130 Recap RDT&amp;E</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	0.000	47.174	36.536	24.934	0.000	24.934	46.117	45.675	37.044	37.578	27.390	302.448
675006: <i>HC/MC-130 Recap</i>	0.000	1.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.055
675278: <i>HC-130J Modernization</i>	0.000	0.000	0.926	0.748	0.000	0.748	0.894	0.765	0.792	0.808	24.777	29.710
675910: <i>Communication Modernization</i>	0.000	46.119	35.610	24.186	0.000	24.186	45.223	44.910	36.252	36.770	2.613	271.683

**Program MDAP/MAIS Code:** 257

**Note**

This program, BA 7, PE 0605278F, project 675910, Resilient Positioning, Navigation, and Timing (R-PNT), is a new start.

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

HC/MC-130 Recapitalization provides a Medium-lift tanker aircraft to replace the aging USAF fleet of combat rescue HC-130P/N and special operations MC-130E/H/P/W and AC-130H/U/W aircraft for Combat Search and Rescue (CSAR) and Air Force Special Operation Forces, which are experiencing airworthiness, maintainability, and operations limitations. HC/MC-130 Recap incorporates production line modifications to the C-130J production aircraft to convert them to an HC/MC model, providing a common baseline configuration aircraft. The program also funds post-production modifications to add special mission systems required for behind- enemy-line operations required of CSAR and Special Operations aircraft. The HC-130J aircraft provides combat search and rescue infiltration and exfiltration including aerial refueling of aircraft in combat search and rescue operations as well as acting as an airborne command post during rescue operations. The MC-130J can provide specialized mobility capability to position, supply, re-supply and recover specialized ground tactical units. The AC-130J is an MC-130J that has been highly modified to provide close air support and armed reconnaissance.

The Research, Development, Testing and Evaluation (RDT&E) portion of the Recap program funds engineering support and studies to conduct rapid development activities, and develops upgrades to deliver specific increments of capability in common configurations across the fielded fleet, which includes AC/HC/MC-130J. The RDT&E activities in PE 0605278F currently include, but are not limited to, Block 7.0/8.1, and Communications Modernization Phase I and Phase II. Block 7.0/8.1 leverages the baseline C-130J (PEC 0401132F) Block 7.0/8.1 upgrade, but funds unique AC/HC/MC-130J configuration integration requirements. The Block 7.0/8.1 project will deliver Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM) capabilities required for compliance with evolving international airspace standards. It also incorporates a new Flight Management System (FMS) that allows AC/HC/MC-130J aircraft to maintain hardware and software commonality with the C-130J Enterprise. The remaining capabilities 7.0/8.1 provides are Link-16, Civil GPS Navigation and Data Link, Identification Friend or Foe (IFF) Transponder Mode-5, and Automatic Dependent Surveillance-Broadcast Out (ADS-B Out). The USAF has also initiated the Communications Modernization program to comply with Mobile User Objective System (MUOS) and VINSON/ANDVT Cryptographic Modernization (VACM) mandates, as well as deliver Second-generation Anti-jam Tactical UHF Radio for NATO (SATURN), Single Channel Ground and Airborne Radio System (SINCGARS), Airborne Mission Network (AbMN) integration, and HF Modernization capabilities to resolve DMS issues.

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

**Appropriation/Budget Activity**  
3600: *Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development*

**R-1 Program Element (Number/Name)**  
PE 0605278F / *HC/MC-130 Recap RDT&E*

The Air Force decoupled IFF Mode 5 and ADS-B from the Block 7.0/8.1 program to accelerate fielding to address DoD mandates. Additionally, in 2018 the USAF significantly revamped its HC-130J Block 7.0/8.1. upgrade strategy, de-scoping the MC-130J from the current Block 7.0/8.1 program to allow the MC-130J to prioritize other (SOCOM- funded) modifications while allowing Air Combat Command (ACC) to move forward with Block 7.0/8.1 on the HC-130J. The majority of the AC/MC-130J Block 7.0/8.1 requirements, including meeting the DoD MUOS and VACM mandates, will be addressed through the Communications Modernization program. The remaining capabilities will be addressed at a future date.

HC/MC-130J Recap funding also supports 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. It also covers integration and certification for Diminishing Manufacturing Sources Materiel Solutions (DMSMS) and other development activities under the Continuous Improvement Program (CIP) as needed to keep the AC/HC/MC programs effective against emerging threats. This development funding covers associated aircraft costs for testing purposes to include but not limited field level maintenance such as day-to-day launch, recovery, inspection, servicing, and removal and replacement of LRUs within the capabilities and qualifications of its maintenance team, support equipment needed to support flight test, maintenance repair team support during the transfer ferry sortie if the aircraft diverts and all test related aircraft flying hour costs.

The program may also include any Contractor Manpower Equivalent (CME)/A&AS support deemed necessary to support the program objectives. The HC/MC-130 Recap RDT&E permits the initiation and employment of rapid acquisition authorities to respond to emerging threats and requirements as needed.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2023 \$2.775 million was expended for civilian pay expenses in this program element, and in FY 2024 \$2.735 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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**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 0605278F / HC/MC-130 Recap RDT&E
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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	52.940	36.536	24.889	0.000	24.889
Current President's Budget	47.174	36.536	24.934	0.000	24.934
Total Adjustments	-5.766	0.000	0.045	0.000	0.045
• 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	-4.000	0.000			
• SBIR/STTR Transfer	-1.766	0.000			
• Other Adjustments	0.000	0.000	0.045	0.000	0.045

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 675910: *Communication Modernization*

Congressional Add: *Next Generation Space Array*

	<b>FY 2023</b>	<b>FY 2024</b>
	4.833	0.000
Congressional Add Subtotals for Project: 675910	4.833	0.000
Congressional Add Totals for all Projects	4.833	0.000

**Change Summary Explanation**

FY 2023 funding request was reduced for a total \$5.776 million due to a \$4.000 million Below Threshold Reprogramming to support higher Air Force priorities and \$1.766 million for Small Business Innovation Research (SBIR).

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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 0605278F / HC/MC-130 Recap RDT&E				<b>Project (Number/Name)</b> 675006 / HC/MC-130 Recap			
<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>
675006: HC/MC-130 Recap	0.000	1.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.055
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

In FY 2024, PE 65278F, Project 650006, HC/MC-130 Recap, Major Thrusts: Government Test Support , HC Block 7.0/8.1 Development and Continuous Improvement Program (CIP) efforts transferred to Project 675278, HC-130J Modernization, Major Thrusts: Government Test Support, HC-130J Modernization Development, and CIP, respectively, to ensure transparency and proper execution.

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

HC/MC-130 Recapitalization will replace the aging USAF fleet of combat rescue HC-130P/N and special operations MC-130E/H/P/W and AC-130H/U/W aircraft for Combat Search and Rescue (CSAR) and Air Force Special Operation Forces, which are experiencing airworthiness, maintainability, and operations limitations.

The RDT&E portion of the Recap program funds three major thrusts to include but not limited to Continuous Improvement Program and Civ Pay.

HC/MC-130J Recap funding also supports 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. It also covers integration and certification for Diminishing Manufacturing Sources Materiel Solutions [DMSMS] and other development activities under the Continuous Improvement Program [CIP] as needed to keep the AC/HC/MC programs effective against emerging threats. This development funding covers associated aircraft costs for testing purposes to include, but not limited to field level maintenance such as day-to-day launch, recovery, inspection, servicing, and removal and replacement of LRUs within the capabilities and qualifications of its maintenance team, support equipment needed to support flight test, maintenance repair team support during the transfer ferry sortie if the aircraft diverts and all test related aircraft flying hour costs, RDT&E permits the initiation and employment of rapid acquisition authorities to respond to emerging threats and requirements, as needed.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 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 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<b>Title:</b> Recap: Continuous Improvement Program [CIP]	0.544	0.000	0.000	0.000	0.000
<b>Description:</b> Recurring Software and hardware enhancements to address evolving requirements for Special Operations Forces and Personnel Recovery missions. These enhancements will be incorporated in both					

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675006 / HC/MC-130 Recap

<b>B. Accomplishments/Planned Programs (\$ 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>
production and fielded aircraft. These enhancements will include, but are not limited to, parallel operational flight program [OFP] updates.  <b>FY 2024 Plans:</b> N/A <b>FY 2025 Base Plans:</b> N/A <b>FY 2025 OCO Plans:</b> N/A <b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> N/A					
<b>Title:</b> Recap: HC Block 7.0/8.1 Development <b>Description:</b> Combined software/hardware upgrade for Block 7.0/8.1. Block 7.0/8.1 includes, but is not limited to: Link 16, a new Flight Management System [FMS], Civil Global Positioning System [GPS], Navigation, a Special Mission Processor Interface [SMP-I], Identification Friend or Foe [IFF] Mode 5, Civil Data Link, Automatic Dependent Surveillance-Broadcast Out [ADS-B-Out] and the CSO 2.5. <b>FY 2024 Plans:</b> N/A <b>FY 2025 Base Plans:</b> N/A <b>FY 2025 OCO Plans:</b> N/A <b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> N/A	0.510	0.000	0.000	0.000	0.000
<b>Title:</b> Recap: Government Test Support <b>Description:</b> Includes, but is not limited to, test and evaluation planning, conduct and support to included MITRE/NSERC for developmental and operational testing for Phase II. This development activity also includes, but is not limited to, associated aircraft costs for testing purposes to include but not limited field level maintenance such as day-to-day launch, recovery, inspection, servicing, and removal and replacement of LRUs	0.001	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
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675006 / HC/MC-130 Recap

<b>B. Accomplishments/Planned Programs (\$ 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>
within the capabilities and qualifications of its maintenance team, support equipment needed to support flight test, maintenance repair team support during the transfer ferry sortie if the aircraft diverts and all test related aircraft flying hour costs.					
<b>FY 2024 Plans:</b> N/A					
<b>FY 2025 Base Plans:</b> N/A					
<b>FY 2025 OCO Plans:</b> N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> N/A					
<b>Accomplishments/Planned Programs Subtotals</b>	1.055	0.000	0.000	0.000	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 05 HCMC00: HC/MC-130 Modifications	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902	0.000	1,393.722
• APAF 07 HCMC00: HC/MC-130 PPS	20.000	0.000	18.604	-	18.604	20.768	21.010	21.238	21.461	0.000	123.081
• APAF 07 C130JM: MC-130J PPS	0.000	10.117	0.000	-	0.000	0.000	0.000	0.000	-	0.000	10.117

**Remarks**

**D. Acquisition Strategy**

Lockheed Martin is the primary contractor for Research and Development work in support of the HC/MC-130J Recap program. Block 7.0/8.1 strategy takes the common core Block 7.0/8.1 developed in the C-130J program and integrates it into the HC-130J. Block 7.0/8.1 will also integrate with HC- unique mods. The C-130J ADS-B Out program includes all C-130J variants.

Lockheed Martin is the primary contractor for Research and Development work in support of the HC-130J Modernization Development program. The HC-130J Modernization program will integrate capabilities needed to keep HC-130Js effective against emerging threats.

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

<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>	<b>Project (Number/Name)</b>
3600 / 7	PE 0605278F / HC/MC-130 Recap RDT&E	675006 / HC/MC-130 Recap

Development work done to date on the HC-130J Recap program has been on Cost Plus Award Fee (CPAF) and Cost Plus Incentive Fee (CPIF) type contracts.



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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675006 / HC/MC-130 Recap
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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>HC/MC-130 Recap Development</b>	
Recap: Continuous Improvement Program	
Recap: HC-130 Block 7.0/8.01	
Recap: Government Test Support	

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675006 / HC/MC-130 Recap
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>HC/MC-130 Recap Development</i></b>				
Recap: Continuous Improvement Program	1	2023	4	2024
Recap: HC-130 Block 7.0/8.01	1	2023	4	2024
Recap: Government Test Support	3	2023	4	2024

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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 0605278F / HC/MC-130 Recap RDT&E				<b>Project (Number/Name)</b> 675278 / HC-130J Modernization			
<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>
675278: HC-130J Modernization	0.000	0.000	0.926	0.748	0.000	0.748	0.894	0.765	0.792	0.808	24.777	29.710
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

In FY 2024, PE 65278F, Project 650006, HC/MC-130 Recap, Major Thrusts: Government Test Support , HC Block 7.0/8.1 Development and Continuous Improvement Program (CIP) efforts transferred to Project 675278, HC-130J Modernization, Major Thrusts: Government Test Support, HC-130J Modernization Development, and CIP, respectively, to ensure transparency and proper execution.

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

HC/MC-130 Recapitalization replaces the aging USAF fleet of combat rescue HC-130P/N and special operations MC-130E/H/P/W and AC-130H/U/W aircraft for Combat Search and Rescue (CSAR) and Air Force Special Operation Forces, which are experiencing airworthiness, maintainability, and operational imitations. The RDT&E portions of the Recap program are the primary effort to modernize CSAR capabilities on the HC-130J platform to keep the aircraft viable against emerging threats. The HC-130J Modernization Programs fund the program lifecycle from development to installation in three major thrust areas to include but not limited to Continuous Improvement Program (CIP), Development, and Government Test. RDT&E permits the initiation and employment of rapid acquisition authorities to respond to emerging threats and requirements as needed.

CIP includes recurring software and hardware enhancements to address evolving requirements for Special Operations Forces and Personnel Recovery missions. These enhancements will be incorporated in both production and fielded aircraft. These enhancements will include, but are not limited to, parallel operational flight program [OFP] updates, integration and certification for Diminishing Manufacturing Sources Materiel Solutions [DMSMS], and other development activities as needed to keep the HC-130J programs effective against emerging threats. This funding also supports 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.

The HC-130J Modernization Development program funds engineering support and development activities necessary to deliver specific capabilities; these activities include but are not limited to Block 7.0/8.1 and Defensive System Suite upgrades. The HC-130J Block 7.0/8.1 upgrade follows the same "Block Upgrade" strategy being used in the C-130J program [PEC 0401132F]. The Air Force decoupled IFF Mode 5 and ADS-B from the Block 7.0/8.1 program to accelerate fielding to address DoD mandates. Link 16 was originally part of this strategy but was deferred due to funding shortages; Link 16 will be developed as a future spiral capability should additional funds become available. These upgrades will include, but are not limited to, two (2) Capability Management Upgrades to address discrepancies in the Block 7.0/8.1 program and the Communication/Navigation/Identification - System Processors [CNI-SP], address Link-16 integration; and are planned to be accomplished in conjunction with the Star XIII mission computer software upgrade effort. This program would include HC-130J platform certification for the Link-16 terminal and support upgrades to resolve deficiency reports and meet mission requirements/mandates to maintain the fleet.

The HC-130J Defensive System Suites upgrade integrates and/or upgrades survivability systems into the HC-130J architecture, to include studies, analysis, testing, and integration of candidate systems.

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675278 / HC-130J Modernization
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HC-130J Modernization Government Test thrust area funding supports associated aircraft costs for testing purposes to include, but not limited to, field level maintenance such as day-to-day launch, recovery, inspection, servicing, and removal and replacement of LRUs within the capabilities and qualifications of its maintenance team, support equipment needed to support flight test, maintenance repair team support during the transfer ferry sortie if the aircraft diverts and all test related aircraft flying hour costs.

This program element may include necessary Contractor Manpower Equivalent (CME)/A&AS support and civilian pay expenses required to manage, execute, and deliver HC-130J modernization weapon system capabilities. Currently, HC-130J Block 7.0/8.1 program has allocated Direct Cite Authority positions. These allocated positions will continue through the FYDP to support ACC program planning and may be reallocated to future programs as they are established.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 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)**

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<p><b>Title:</b> Continuous Improvement Program (CIP)</p> <p><b>Description:</b> Recurring Software and hardware enhancements to address evolving requirements for Special Operations Forces and Personnel Recovery missions. These enhancements will be incorporated in both production and fielded aircraft. These enhancements will include, but are not limited to, parallel operational flight program [OFP] updates. Also, supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/ demonstrations to accelerate planning for technology transition, technology insertion, digital engineering concepts and employment, and future acquisition programs. It also covers integration and certification for Diminishing Manufacturing Sources Materiel Solutions (DMSMS) and other development activities as needed to keep the AC/HC/MC programs effective against emerging threats.</p> <p><b>FY 2024 Plans:</b> CIP efforts for HC-130J Mod. Also, award studies and assessments based on availability of funding in support of HC-130J Modernization.</p> <p><b>FY 2025 Base Plans:</b> Plans include, but are not limited to, software and hardware enhancements required for the HC-130J to remain effective against emerging threats.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b></p>	0.000	0.001	0.001	0.000	0.001

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675278 / HC-130J Modernization

<b>B. Accomplishments/Planned Programs (\$ 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>
N/A					
<b>Title:</b> HC-130J Modernization <b>Description:</b> The HC-130J Modernization Development program funds engineering support and development activities in support of Block 7.0/8.1 and Defensive System suite programs.  <b>FY 2024 Plans:</b> Initiate development activities for recurring Software and hardware enhancements to address evolving requirements for Special Operations Forces and Personnel Recovery missions.  <b>FY 2025 Base Plans:</b> Continuing efforts in support of HC-J modernization.  <b>FY 2025 OCO Plans:</b> N/A  <b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding decreased due to ramp down of development activities within HC Modernization.	0.000	0.925	0.747	0.000	0.747
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.926	0.748	0.000	0.748

<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 05 HCMC00: HC/ MC-130 Modifications	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902	0.000	1,393.722
• APAF 07 HCMC00: HC/MC-130 PPS	20.000	0.000	18.604	-	18.604	20.768	21.010	21.238	21.461	0.000	123.081
• APAF 07 C130JM: MC-130 PPS	0.000	10.117	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	10.117

**Remarks**

**D. Acquisition Strategy**  
 Project 675278, HC-130J Modernization Program funds all life cycle efforts from development to installation. The HC-130J Modernization acquisition strategy is developed on an as needed basis dependent on each activity and capability to include but not limited to three major thrusts: Continuous Improvement Program (CIP),

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

<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>	<b>Project (Number/Name)</b>
3600 / 7	PE 0605278F / <i>HC/MC-130 Recap RDT&amp;E</i>	675278 / <i>HC-130J Modernization</i>

Government Support Test, and HC-130J Modernization. HC-130J Modernization includes engineering support and development activities necessary to deliver specific capabilities. Lockheed Martin is the primary contractor for Research and Development work in support of Block 7.0/8.1 and Defensive System Suite upgrades. Block 7.0/8/1 strategy takes the common core Block 7.0/8.1 developed in the PE 0401132F, C-130J Program and integrates it into the HC-130J Modernization Development. The Block 7.0/8.1 will also integrate with HC-unique mods.

HC-130J Modernization development efforts to date have been on Cost Plus Award Fee (CPAF) and Cost Plus Incentive Fee (CPIF) type contracts.



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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675278 / HC-130J Modernization
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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>HC-130J Modernization</i></b>	
HC-130J Modernization Program Development	
CIP	
Government Testing support	

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675278 / HC-130J Modernization
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>HC-130J Modernization</i></b>				
HC-130J Modernization Program Development	2	2024	4	2029
CIP	2	2024	4	2029
Government Testing support	2	2024	4	2029

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization
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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
675910: <i>Communication Modernization</i>	0.000	46.119	35.610	24.186	0.000	24.186	45.223	44.910	36.252	36.770	2.613	271.683
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

This program, BA 7, PE 0605278F, project 675910, Resilient Positioning, Navigation, and Timing (R-PNT), is a new start.

This program, BA 7, PE 0605278F, project 675910, Communication Modernization, Resilient Positioning, Navigation, and Timing (R-PNT), is a New Start.

In FY 2025, Project 675910, Communication Modernization changed from Block 8.X.

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

The Communication Modernization Project will allow the AC/HC/MC-130Js to meet the Secretary of the Air Force's Crypto Mandate requirements. The Air Force has initiated the Communications Modernization program to comply with Mobile User Objective System [MUOS] and VINSON/ANDVT Cryptographic Modernization [VACM] mandates, as well as deliver Second-generation Anti-jam Tactical UHF Radio for NATO [SATURN], Single Channel Ground and Airborne Radio System [SINGARS], and HF Modernization capabilities to resolve DMS issues.

The Air Force intends to execute critical portions of AC/MC-130J 7.0/8.1 program as part of the Communications Modernization program. The remaining AC/MC-130J 7.0/8.1 capabilities (i.e., those not needed to execute Communications Modernization) will be installed on the AC and MC-130J under a future RDT&E program within this project, projected to begin in FY 2025.

Communication Modernization funding supports innovation activities to include but not limited to studies, analyses, requirements definition, and quick-reaction capability prototypes/demonstrations to accelerate planning for technology transition, technology insertion and future acquisition programs. Project 675910, Communication Modernization may include initiation and employment of rapid acquisition authorities to respond to emerging threats and requirements as need.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 0606398F. In FY 2023 \$2.775 million was expended for civilian pay expenses in this program element, and in FY 2024 \$2.735 million is forecast for civilian pay expenses in this program element.

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<b>Title:</b> Communications Modernization Phase I	37.276	1.632	1.468	0.000	1.468

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization

<b>B. Accomplishments/Planned Programs (\$ 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>
<p><b>Description:</b> Includes, but is not limited to compliance with Mobile User Objective System (MUOS) and VINSON/ANDVT Cryptographic Modernization (VACM) mandates, which will allow for continuous secure voice, data, video, network-centric, and satellite communications in real-time as the satellite constellation transitions and cryptographic algorithms are modernized.</p> <p><b>FY 2024 Plans:</b> Continuation of EMD activities and Trial Kit Install.</p> <p><b>FY 2025 Base Plans:</b> Continuation of Phase I EMD activities.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Comms Mod Phase I EMD activities will continue with new acquisitions similar in size to FY 2023.</p>					
<p><b>Title:</b> Communications Modernization Phase II</p> <p><b>Description:</b> Includes, but is not limited to, Second-generation Anti-jam Tactical UHF Radio for NATO (SATURN), Single Channel Ground and Airborne Radio System SINCGARS, and HF Modernization capabilities to resolve DMS issues, which will allow for continuous UHF, VHF, and HF communications in real-time. Due to technical inter-dependencies of the Communications Modernization program on some sub-systems delivered in the Block 7.0/8.1 program, AC/MC-130J 7.0/8.1 requirements will be addressed through both the Communications Modernization program and a future AC/MC-130J 7.0/8.x program.</p> <p><b>FY 2024 Plans:</b> Plan to award the EMD contract and initiate of Phase II EMD activities.</p> <p><b>FY 2025 Base Plans:</b> Continuation of Phase II EMD activities.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding decreased due to reduced contract activities and award of EMD contract.</p>	1.298	31.700	20.949	0.000	20.949
<p><b>Title:</b> Government Test Support - Phase I</p>	1.927	2.276	1.424	-	1.424

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization

<b>B. Accomplishments/Planned Programs (\$ 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>
<p><b>Description:</b> Test and evaluation planning, support to MITRE/NSERC for developmental and operational testing for Phase I. This development activity also supports associated aircraft costs for testing purposes to include but not limited field level maintenance, and day-to-day launch, recovery, inspection, servicing, and removal and replacement of LRUs, support equipment needed to support flight test, maintenance repair team support during the transfer ferry sortie if the aircraft diverts and all test related aircraft flying hour costs.</p> <p><b>FY 2024 Plans:</b> Continuation of Phase I EMD activities for Communications Modernization.</p> <p><b>FY 2025 Base Plans:</b> Continued Phase I EMD activities for Communications Modernization.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding decreased due to ramp down of Comm Mod Phase I EMD activities.</p>					
<p><b>Title:</b> Government Test Support - Phase II</p> <p><b>Description:</b> Includes test and evaluation planning, conduct and support to included MITRE/NSERC for developmental and operational testing for Phase II. This development activity also includes, but is not limited to, associated aircraft costs for testing purposes to include but not limited field level maintenance such as day-to-day launch, recovery, inspection, servicing, and removal and replacement of LRUs within the capabilities and qualifications of its maintenance team, support equipment needed to support flight test, maintenance repair team support during the transfer ferry sortie if the aircraft diverts and all test related aircraft flying hour costs.</p> <p><b>FY 2024 Plans:</b> Continue Phase II EMD activities for Communications Modernization.</p> <p><b>FY 2025 Base Plans:</b> Continuation of Phase II EMD activities for Communications Modernization.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding increased due to ramp up of Comms Mod Phase II activities.</p>	0.001	0.001	0.343	0.000	0.343
<p><b>Title:</b> Continuous Improvement (CIP)</p>	0.784	0.001	0.001	0.000	0.001

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<p><b>Description:</b> Recurring Software and hardware enhancements to address evolving requirements. These enhancements will be incorporated in both production and fielded aircraft. These enhancements will include, but are not limited to parallel operational flight program [OFP] updates. Also, supports innovation activities to include studies, analyses, requirements definition, and quick-reaction capability prototypes/ demonstrations to accelerate planning for technology transition, technology insertion, digital engineering concepts and employment, and future acquisition programs. It also covers integration and certification for Diminishing Manufacturing Sources Materiel Solutions (DMSMS) and other development activities as needed to keep the AC/HC/MC programs effective against emerging threats.</p> <p><b>FY 2024 Plans:</b> Phase I studies. Also, award studies and assessments based on availability of funding to support AC/HC/MC requirements.</p> <p><b>FY 2025 Base Plans:</b> Continue to support studies.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> N/A</p>					
<p><b>Title:</b> Resilient Positioning, Navigation, and Timing (R-PNT)</p> <p><b>Description:</b> Development, integration, and fielding of a Resilient Positioning, Navigation, and Timing (RPNT) capability in accordance with Capability Development Guidance Memorandum (CDGM) 09-22-03. This architecture will serve as the foundation to address emerging and continuously evolving electronic and cyber threats to PNT.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> Begin planning activities for initial studies/investigation of possible integration paths for R-PNT on AC/MC-130J aircraft.</p> <p><b>FY 2025 OCO Plans:</b></p>	0.000	0.000	0.001	0.000	0.001

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding increased due to start of R-PNT on AC/MC-130J aircraft.					
<b>Accomplishments/Planned Programs Subtotals</b>	41.286	35.610	24.186	0.000	24.186

<b>Congressional Add: Next Generation Space Array</b>	FY 2023	FY 2024
<b>FY 2023 Accomplishments:</b> Funding increase of \$4.946 million for \$5.000 million FY 2023 Congressional Add and a decrease for \$0.054 million for Federally Funded Research Development Centers. This supports network enabled weapons systems to respond to emerging threats and requirements.	4.833	0.000
Accomplishments: Award of NAVY MIPR in the amount of \$1.6M and Beyond Line of Sight (BLOS) Demo amount \$0.483M. We are expecting additional award of \$2.750M late May 2024.		
<b>FY 2024 Plans:</b> N/A		
<b>Congressional Adds Subtotals</b>	4.833	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 05 HCMC00: HC/ MC-130 Modifications	111.285	101.055	213.284	-	213.284	367.274	261.148	169.774	169.902	0.000	1,393.722
• APAF 07 HCMC00: HC/MC-130 PPS	20.000	0.000	18.604	-	18.604	20.768	21.010	21.238	21.461	0.000	123.081
• APAF 07 C130JM: MC-130J PPS	0.000	10.117	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	10.117

**Remarks**

**D. Acquisition Strategy**  
The Communications Modernization Program was split into two phases to accelerate the required capabilities for the 2024 crypto mandates. Development work done to date was accomplished utilizing a Cost Plus Incentive Fee (CPIF) contract.

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

<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>	<b>Project (Number/Name)</b>
3600 / 7	PE 0605278F / <i>HC/MC-130 Recap RDT&amp;E</i>	675910 / <i>Communication Modernization</i>

The Communications Modernization Phase I program complies with Mobile User Objective System [MUOS] and VINSON/ANDVT Cryptographic Modernization [VACM] mandates, which will allow for continuous secure voice, data, video, network-centric, and satellite communications in real-time as the satellite constellation transitions and cryptographic algorithms are modernized.

The Communications Modernization Phase II program addresses critical Second-generation Anti-jam Tactical UHF Radio for NATO [SATURN], Single Channel Ground and Airborne Radio System [SINCGARS], and HF Modernization capabilities to resolve DMS issues, which will allow for continuous UHF, VHF, and HF communications in real-time.

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization
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<b>Product Development (\$ in Millions)</b>				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			
Communications Modernization Phase I	SS/CPAF	Lockheed Martin : Marietta, GA	0.000	35.389	Mar 2024	0.001	Mar 2024	1.468	Mar 2025	-		1.468	0.000	36.858	-
Communications Modernization Phase II	SS/CPAF	Lockheed Martin : Marietta, GA	0.000	0.001	Jul 2024	30.596	Jul 2024	17.033	Mar 2025	-		17.033	0.000	47.630	-
Next Generation Space Array	Various	Various : TBD	0.000	4.833	Mar 2024	-		-		-		-	0.000	4.833	-
Resilient Positioning, Navigation, and Timing (R-PNT)	TBD	TBD : TBD	0.000	-		-		0.001	Jul 2025	-		0.001	0.000	0.001	-
<b>Subtotal</b>			0.000	40.223		30.597		18.502		-		18.502	0.000	89.322	N/A

<b>Support (\$ in Millions)</b>				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			
Direct Cite Civ Pay	TBD	Not specified. : TBD	0.000	2.775		2.735		3.916		-		3.916	0.000	9.426	-
Government Support Test	RO	46th Test Wing; TBD : TBD	0.000	1.927	Mar 2023	2.276	Oct 2023	1.424	Oct 2024	-		1.424	0.000	5.627	-
Government Support Test Phase II	RO	46th Test Wing; TBD : TBD	0.000	0.001	Mar 2024	0.001	Jul 2024	0.343	Mar 2025	-		0.343	0.000	0.345	-
<b>Subtotal</b>			0.000	4.703		5.012		5.683		-		5.683	0.000	15.398	N/A

<b>Test and Evaluation (\$ in Millions)</b>				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			
Continuous Improvement Program (CIP)	C/Various	Various : TBD	0.000	1.193	Aug 2023	0.001	Jan 2024	0.001	Jan 2025	-		0.001	0.000	1.195	-
<b>Subtotal</b>			0.000	1.193		0.001		0.001		-		0.001	0.000	1.195	N/A



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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization
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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>Communication Modification</b>																												
Communications Modernization Phase I																												
Communications Modernization Phase II																												
Government Test Support Phase I																												
Government Test Support Phase II																												
Continuous Improvement Program (CIP)																												

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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 0605278F / HC/MC-130 Recap RDT&E	<b>Project (Number/Name)</b> 675910 / Communication Modernization

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Communication Modification</i></b>				
Communications Modernization Phase I	2	2023	4	2026
Communications Modernization Phase II	4	2024	2	2029
Government Test Support Phase I	1	2023	4	2026
Government Test Support Phase II	4	2024	2	2029
Continuous Improvement Program (CIP)	1	2023	4	2029