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

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0306250F / <i>Cyber Operations Technology Support</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	-	272.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	272.583
646008: <i>US Cyber Command Technology Development</i>	-	272.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	272.583
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

Note
 In FY 2024, PE 0306250F, (Cyber Operations Technology Development), Project 646008, (US Cyber Command Technology Development) efforts were transferred to PE 0306250JCY, (Cyber Operations Technology Support), Project CY06, (Cyber Weapons/Tools), in order to satisfy SECDEF requirements to transfer combatant command support agent responsibilities from the Air Force to the Army.

A. Mission Description and Budget Item Justification
 US Cyber Command's (USCYBERCOM) mission is to deter or defeat strategic threats to US interests and infrastructure, provide mission assurance for the operations and defense of the Department of Defense information environment, and support the achievement of Joint Force Commander objectives.

USCYBERCOM in conjunction with the Services and National Agencies will develop and expand infrastructure architectures and capabilities/tools to support Cyber Mission Forces (CMF). Focus is on four broad program areas: Joint Common Services, Joint Access Platforms, Joint Weapons, and Joint Sensors.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY23 \$0.000M was expended for civilian pay expenses in this program element, and in FY24 \$0.000M is forecasted for civilian pay expenses in this program element.

The specific details and aspects of these cyber activities are classified and will be provided on a need-to-know basis.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	272.583	0.000	0.000	0.000	0.000
Current President's Budget	272.583	0.000	0.000	0.000	0.000
Total Adjustments	0.000	0.000	0.000	0.000	0.000
• 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	0.000	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000

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

Project: 646008: *US Cyber Command Technology Development*

Congressional Add: *Cyber Mission Force Operational Support*

Congressional Add: *Joint Cyberspace Warfighting Architecture*

Congressional Add: *Cyber Command Hunt Forward*

Congressional Add Subtotals for Project: 646008

Congressional Add Totals for all Projects

	FY 2023	FY 2024
	16.000	-
	10.900	0.000
	15.000	0.000
Congressional Add Subtotals for Project: 646008	41.900	0.000
Congressional Add Totals for all Projects	41.900	0.000

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

Title: Joint Common Services

Description: Provides mission/business enabling IT infrastructures, business IT capabilities and life-cycle sustainment; supports internal mission/business operations for USCYBERCOM; and enables JCWA efforts across USCYBERCOM.

The origin, details, and specific aspects of these efforts are classified and will be provided on a need-to-know basis.

FY 2024 Plans:

N/A

FY 2025 Plans:

	FY 2023	FY 2024	FY 2025
Joint Common Services	60.550	0.000	0.000

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
N/A				
FY 2024 to FY 2025 Increase/Decrease Statement: FY24 funds transferred to the Army in accordance with SECDEF requirements.				
Title: Joint Access Platforms Description: Delivers infrastructures and systems that enable access to networks through traditional and non-traditional means. The origin, details, and specific aspects of these efforts are classified and will be provided on a need-to-know basis. FY 2024 Plans: N/A FY 2025 Plans: N/A FY 2024 to FY 2025 Increase/Decrease Statement: FY24 funds transferred to the Army in accordance with SECDEF requirements.		48.328	0.000	0.000
Title: Joint Weapons Description: Capabilities that are developed, tested, stored, and employed for cyberspace operations. The origin, details, and specific aspects of these efforts are classified and will be provided on a need-to-know basis. FY 2024 Plans: N/A FY 2025 Plans: N/A FY 2024 to FY 2025 Increase/Decrease Statement: FY24 funds transferred to the Army in accordance with SECDEF requirements.		115.225	0.000	0.000
Title: Joint Sensors Description: Development of capabilities to collect, process, analyze, and share data elements both on- and off-DoDIN environments. Includes both dynamically emplaced capabilities and static, enduring systems and applications.		6.580	0.000	0.000

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
The origin, details and specific aspects of these efforts are classified and will be provided on a need-to-know basis.			
FY 2024 Plans: N/A			
FY 2025 Plans: N/A			
FY 2024 to FY 2025 Increase/Decrease Statement: FY24 funds transferred to the Army in accordance with SECDEF requirements.			
Accomplishments/Planned Programs Subtotals	230.683	0.000	0.000

	FY 2023	FY 2024
Congressional Add: Cyber Mission Force Operational Support	16.000	-
FY 2023 Accomplishments: - Improves survivability, sustainability, and adaptability of alias persona		
Congressional Add: Joint Cyberspace Warfighting Architecture	10.900	0.000
FY 2023 Accomplishments: - Provides additional full time equivalent support at the JCWA Integration Office for systems engineering, enterprise architecture, and agile DevSecOps Management - Provides FTE support for JCWA program integration and management - Accelerates integration of advanced capabilities into JCWA		
FY 2024 Plans: N/A		
Congressional Add: Cyber Command Hunt Forward	15.000	0.000
FY 2023 Accomplishments: - Develops and delivers additional hardware and software kits for Hunt Forward		
FY 2024 Plans: N/A		
Congressional Adds Subtotals	41.900	0.000

D. Other Program Funding Summary (\$ in Millions)			<u>FY 2025</u>	<u>FY 2025</u>	<u>FY 2025</u>						<u>Cost To</u>
<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Complete</u>	<u>Total Cost</u>
• OPAF 03 834320: C3 Countermeasures	3.808	0.000	0.000	-	0.000	0.000	0.025	0.026	0.027	Continuing	Continuing

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D. 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

E. Acquisition Strategy

Facilitate the delivery of technology capabilities to the Cyber Mission Forces, by applying innovative solutions for existing and emerging technologies. Contracts are awarded under full and open competition whenever possible. Variations of both Fixed Price (FP) and Cost Plus (CP) contracting vehicles and the use of Other Transactional Authority (OTA) will be implemented leveraging USCYBERCOM Acquisition authorities. USCYBERCOM will also rely on various Service Component, Combatant Command and National Security Agency contracting offices for procurement of cyber capabilities and contractor support.

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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 / 4				PE 0306250F / Cyber Operations Technol ogy Support				646008 / US Cyber Command Technology Development							
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
Joint Common Services	Various	Multiple Agencies : Various	-	59.175	Apr 2023	-		-		-		-	0.000	59.175	59.175
Joint Access Platforms	Various	Multiple Agencies : Various	-	47.190	Apr 2023	-		-		-		-	0.000	47.190	47.190
Joint Tools	Various	Multiple Agencies : Various	-	112.863	Apr 2023	-		-		-		-	0.000	112.863	112.863
Joint Sensors	Various	Multiple Agencies : Various	-	6.437	Apr 2023	-		-		-		-	0.000	6.437	6.437
Congressional Add: Cyber Mission Force Operational Support	TBD	Multiple Agencies : Various	-	16.000	Apr 2023	-		-		-		-	0.000	16.000	16.000
Congressional Add: Cyber Command Hunt Forward	TBD	Multiple Agencies : Various	-	15.000	Apr 2023	-		-		-		-	0.000	15.000	15.000
Congressional Add: Joint Cyberspace Warfighting Architecture	TBD	Multiple Agencies : Various	-	10.900	Apr 2023	-		-		-		-	0.000	10.900	10.900
Subtotal			-	267.565		-		-		-		-	0.000	267.565	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
PMA	Various	Various : Various	-	5.018	Apr 2023	-		-		-		-	0.000	5.018	5.018
Subtotal			-	5.018		-		-		-		-	0.000	5.018	N/A
Project Cost Totals			-	272.583		-		-		-		-	0.000	272.583	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 4	R-1 Program Element (Number/Name) PE 0306250F / <i>Cyber Operations Technology Support</i>	Project (Number/Name) 646008 / <i>US Cyber Command Technology Development</i>

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

<i>Cyber Operations Technology Development</i>	
Scalable resilient infrastructure (Joint Common Services)	██████████
CYBERCOM access platform build out capacity (Joint Access Platforms)	██████████
Mission-based platform FOC (Joint Access Platforms)	██████████
DDoS for DODIN spiral development (Joint Access Platforms)	██████████
Cyber UCAP spiral development - 1 (Joint Weapons)	██████████
Exploitation framework spiral development (annual) - (Joint Weapons)	██████████
Foundational tool suites (spirals annual) (Joint Weapons)	██████████
Analytics development (Joint Sensors)	██████████
<i>Congressional Adds</i>	
Cyber Mission Force Operational Support	██████████
Cyber Command Hunt Forward	██████████
Joint Cyberspace Warfighting Architecture	██████████

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 4	R-1 Program Element (Number/Name) PE 0306250F / <i>Cyber Operations Technology Support</i>	Project (Number/Name) 646008 / <i>US Cyber Command Technology Development</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Cyber Operations Technology Development</i>				
Scalable resilient infrastructure (Joint Common Services)	1	2023	4	2023
CYBERCOM access platform build out capacity (Joint Access Platforms)	1	2023	4	2023
Mission-based platform FOC (Joint Access Platforms)	1	2023	3	2023
DDoS for DODIN spiral development (Joint Access Platforms)	1	2023	4	2023
Cyber UCAP spiral development - 1 (Joint Weapons)	1	2023	2	2023
Exploitation framework spiral development (annual) - (Joint Weapons)	1	2023	4	2023
Foundational tool suites (spirals annual) (Joint Weapons)	1	2023	4	2023
Analytics development (Joint Sensors)	1	2023	4	2023
<i>Congressional Adds</i>				
Cyber Mission Force Operational Support	3	2023	3	2024
Cyber Command Hunt Forward	3	2023	3	2024
Joint Cyberspace Warfighting Architecture	3	2023	3	2024