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**Department of Defense  
Fiscal Year (FY) 2025 Budget Estimates**

March 2024



**United States Cyber Command**

*Defense-Wide Justification Book Volume 5 of 5*

***Research, Development, Test & Evaluation, Defense-Wide***

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**RDTE Project Code Changes**

FY 2024				FY 2025			
Project	PE	BA	Proj Code	Project	PE	BA	Proj Code
Cyber Training Environment	0208086JCY	04	CY01	Cyber Training Environment	0208086JCY	04	CY86T1
Cyber Command and Control	0208097JCY	07	CY02	Cyber Command and Control (C2)	0208097JCY	07	CY97C1
Unified Platform	0208099JCY	07	CY03	Cross Domain Solution (CDS)	0208099JCY	07	CY99C1
				Unified Platform	0208099JCY	07	CY99U1
CYBERCOM Activities	0208059JCY	04	CY04	CYBERCOM Activities	0208059JCY	04	CY59A1
				Data Sensors DMSS Kits	0306250JCY	08	CY50D1
Robust Infrastructure and Other Cyber Operations Infrastructure	0208085JCY	04	CY05	Joint Common Access Program (JCAP)	0208085JCY	07	CY85P1
				Other Robust Infrastructure	0208085JCY	07	CY85R1
Cyber Weapons/Tools	0306250JCY	07	CY06	Cyber Weapons/Tools	0306250JCY	07	CY50W1
				Cyber Weapons/Tools	0306250JCY	04	CY50W1
				Cyber Weapons/Tools - Hard Targets	0306250JCY	04	CY50W2
Joint Cyber Warfighting Integration	0306250JCY	07	CY07	Joint Cyber Warfighting Architecture (JCWA) Integration & Innovation	0306250JCY	04	CY50J1
				Joint Cyber Warfighting Integration	0306250JCY	07	CY50J1
MDDE	0306250JCY	07	CY08	MDDE	0306250JCY	07	CY50M1
Sensors	0306250JCY	07	CY09	Data Sensors DMSS Kits	0306250JCY	08	CY50D1
				Sensors	0306250JCY	07	CY50S1
Data Management	0208099JCY	07	CY11				
Cyberspace Operations Forces and Force Support	0305251JCY	04	CY12	Data and Analytics	0306250JCY	07	CY50D2

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Department of Defense  
FY 2025 President's Budget  
Exhibit R-1 FY 2025 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

Mar 2024

<u>Appropriation</u>	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments*	FY 2025 Request
Research, Development, Test and Evaluation, Defense-Wide		1,056,991	1,168,960
<b>Total Research, Development, Test, &amp; Evaluation</b>		<b>1,056,991</b>	<b>1,168,960</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Department of Defense  
 FY 2025 President's Budget  
 Exhibit R-1 FY 2025 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

Mar 2024

	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments*	FY 2025 Request
<b><u>Summary Recap of Budget Activities</u></b>			
Advanced Component Development & Prototypes		353,315	246,760
Operational Systems Development		703,676	837,032
Software And Digital Technology Pilot Programs			85,168
<b>Total Research, Development, Test, &amp; Evaluation</b>		<b>1,056,991</b>	<b>1,168,960</b>
<b><u>Summary Recap of FYDP Programs</u></b>			
General Purpose Forces		584,937	551,405
Intelligence and Communications		472,054	617,555
<b>Total Research, Development, Test, &amp; Evaluation</b>		<b>1,056,991</b>	<b>1,168,960</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Defense-Wide  
 FY 2025 President's Budget  
 Exhibit R-1 FY 2025 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

Mar 2024

	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments*	FY 2025 Request
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Defense-Wide  
FY 2025 President's Budget  
Exhibit R-1 FY 2025 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

Mar 2024

<u>Appropriation</u>	FY 2023 Actuals	FY 2024 PB Request with CR Adjustments*	FY 2025 Request
U.S., CYBERCOM		1,056,991	1,168,960
<b>Total Research, Development, Test and Evaluation, Defense-Wide</b>		<b>1,056,991</b>	<b>1,168,960</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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Defense-Wide  
 FY 2025 President's Budget  
 Exhibit R-1 FY 2025 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

Mar 2024

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Sec	FY 2023	FY 2024 PB	FY 2025
					Actuals	Request with CR Adjustments <sup>+</sup>	Request
124	0208059JCY	CYBERCOM Activities	04	U		65,484	35,700
125	0208085JCY	Robust Infrastructure and Access	04	U		170,182	
126	0208086JCY	Cyber Training Environment (CTE)	04	U		114,980	158,345
130	0305251JCY	Cyberspace Operations Forces and Force Support	04	U		2,669	
131	0306250JCY	Cyber Operations Technology Support	04	U			52,715
<b>Advanced Component Development &amp; Prototypes</b>						<b>353,315</b>	<b>246,760</b>
219	0208085JCY	Robust Infrastructure and Access	07	U			154,375
220	0208097JCY	Cyber Command and Control (Cyber C2)	07	U		95,733	96,932
221	0208099JCY	Data and Unified Platform (D&UP)	07	U		138,558	106,053
270	0306250JCY	Cyber Operations Technology Support	07	U		469,385	479,672
<b>Operational Systems Development</b>						<b>703,676</b>	<b>837,032</b>
294	0306250JCY	Cyber Operations Technology Support	08	U			85,168
<b>Software And Digital Technology Pilot Programs</b>							<b>85,168</b>
<b>Total Research, Development, Test and Evaluation, Defense-Wide</b>						<b>1,056,991</b>	<b>1,168,960</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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U.S., CYBERCOM  
 FY 2025 President's Budget  
 Exhibit R-1 FY 2025 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

Mar 2024

Appropriation: 0400D Research, Development, Test and Evaluation, Defense-Wide

Line No	Program Element Number	Item	Act	Sec	FY 2023	FY 2024 PB	FY 2025
					Actuals	Request with CR Adjustments <sup>*</sup>	Request
124	0208059JCY	CYBERCOM Activities	04	U		65,484	35,700
125	0208085JCY	Robust Infrastructure and Access	04	U		170,182	
126	0208086JCY	Cyber Training Environment (CTE)	04	U		114,980	158,345
130	0305251JCY	Cyberspace Operations Forces and Force Support	04	U		2,669	
131	0306250JCY	Cyber Operations Technology Support	04	U			52,715
<b>Advanced Component Development &amp; Prototypes</b>						<b>353,315</b>	<b>246,760</b>
219	0208085JCY	Robust Infrastructure and Access	07	U			154,375
220	0208097JCY	Cyber Command and Control (Cyber C2)	07	U		95,733	96,932
221	0208099JCY	Data and Unified Platform (D&UP)	07	U		138,558	106,053
270	0306250JCY	Cyber Operations Technology Support	07	U		469,385	479,672
<b>Operational Systems Development</b>						<b>703,676</b>	<b>837,032</b>
294	0306250JCY	Cyber Operations Technology Support	08	U			85,168
<b>Software And Digital Technology Pilot Programs</b>							<b>85,168</b>
<b>Total U.S., CYBERCOM</b>						<b>1,056,991</b>	<b>1,168,960</b>

\*A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Additional Continuing Appropriations and Other Extensions Act, 2024 (Public Law 118-35). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

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***Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide***

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***Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide***

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<b>Line #</b>	<b>Budget Activity</b>	<b>Program Element Number</b>	<b>Program Element Title</b>	<b>Page</b>
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Cloud & Unified Platform	0208099JCY	221	07.....	Volume 5 - 87
Cyber Command and Control (C2)	0208097JCY	220	07.....	Volume 5 - 73
Cyber Operations Technology Support	0306250JCY	131	04.....	Volume 5 - 43
Cyber Operations Technology Support	0306250JCY	270	07.....	Volume 5 - 111
Cyber Operations Technology Support	0306250JCY	294	08.....	Volume 5 - 163
Cyber Training Environment	0208086JCY	126	04.....	Volume 5 - 21
Cyberspace Operations Forces and Force Support	0305251JCY	130	04.....	Volume 5 - 37
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**RDTE Project Code Changes**

FY 2024				FY 2025			
Project	PE	BA	Proj Code	Project	PE	BA	Proj Code
Cyber Training Environment	0208086JCY	04	CY01	Cyber Training Environment	0208086JCY	04	CY86T1
Cyber Command and Control	0208097JCY	07	CY02	Cyber Command and Control (C2)	0208097JCY	07	CY97C1
Unified Platform	0208099JCY	07	CY03	Cross Domain Solution (CDS)	0208099JCY	07	CY99C1
				Unified Platform	0208099JCY	07	CY99U1
CYBERCOM Activities	0208059JCY	04	CY04	CYBERCOM Activities	0208059JCY	04	CY59A1
				Data Sensors DMSS Kits	0306250JCY	08	CY50D1
Robust Infrastructure and Other Cyber Operations Infrastructure	0208085JCY	04	CY05	Joint Common Access Program (JCAP)	0208085JCY	07	CY85P1
				Other Robust Infrastructure	0208085JCY	07	CY85R1
Cyber Weapons/Tools	0306250JCY	07	CY06	Cyber Weapons/Tools	0306250JCY	07	CY50W1
				Cyber Weapons/Tools	0306250JCY	04	CY50W1
				Cyber Weapons/Tools - Hard Targets	0306250JCY	04	CY50W2
Joint Cyber Warfighting Integration	0306250JCY	07	CY07	Joint Cyber Warfighting Architecture (JCWA) Integration & Innovation	0306250JCY	04	CY50J1
				Joint Cyber Warfighting Integration	0306250JCY	07	CY50J1
MDDE	0306250JCY	07	CY08	MDDE	0306250JCY	07	CY50M1
Sensors	0306250JCY	07	CY09	Data Sensors DMSS Kits	0306250JCY	08	CY50D1
				Sensors	0306250JCY	07	CY50S1
Data Management	0208099JCY	07	CY11				
Cyberspace Operations Forces and Force Support	0305251JCY	04	CY12	Data and Analytics	0306250JCY	07	CY50D2

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</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	0.000	65.484	35.700	-	35.700	34.432	34.849	35.306	36.012	Continuing	Continuing
CY59A1: <i>CYBERCOM Activities</i>	0.000	0.000	0.000	35.700	-	35.700	34.432	34.849	35.306	36.012	Continuing	Continuing
CY04: <i>CYBERCOM Activities</i>	-	0.000	65.484	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

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

CYBERCOM Activities extends the capabilities of the headquarters. It funds engineering support, analytical support, and IT development for the headquarters. These activities make it possible for the headquarters to expand its contributions to the Joint Force while operating with greater effectiveness and efficiency.

**B. Program Change Summary (\$ in Millions)**

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	0.000	65.484	65.854	-	65.854
Current President's Budget	0.000	65.484	35.700	-	35.700
Total Adjustments	0.000	0.000	-30.154	-	-30.154
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Year Realignment	-	-	-30.154	-	-30.154

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0208059JCY / CYBERCOM Activities				Project (Number/Name) CY59A1 / CYBERCOM Activities			
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
CY59A1: CYBERCOM Activities	0.000	0.000	0.000	35.700	-	35.700	34.432	34.849	35.306	36.012	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

CYBERCOM Activities supports the headquarters with engineering and analytical support and the development of IT capabilities. This support and capability development makes it possible for the headquarters to expand its contributions to the Joint Force while operating with greater effectiveness and efficiency.

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

	FY 2023	FY 2024	FY 2025
<p><b>Title:</b> HQ Engineering and Analytic Support</p> <p><b>Description:</b> Supports specialized expertise to provide technical, scientific, analytical, and systems engineering support to enhance the full range of cyber activities across the spectrum of conflict. This expertise spans enterprise systems engineering and systems architecture design, requirements analysis, development and assessment of system integration strategies, analysis of technical performance and mission readiness, strategic planning, capability assessments and gap analysis, special program planning, and acquisition support. The result is an enhanced USCYBERCOM ability to develop and effectively deploy effective defensive and offensive cyber operational effects.</p> <p>USCYBERCOM also leverages technical staff support for cybersecurity, engineering, and architecture activities in support of IT capability development, assessment, and modernization of USCYBERCOM systems.</p> <p>Continues to develop a Strategic Cyber Targeting Strategy force design, in support of concepts and development of Joint Warfighting Concepts. These efforts will enable USCYBERCOM to identify potential cyber targets, develop trained personnel, infrastructure, and capabilities, and joint forces in executing military operations.</p> <p><b>FY 2024 Plans:</b>                      FY 2024 funds supports the following priority tasks and capabilities for HQ Support:                     <ul style="list-style-type: none"> <li>• Provide a range of technical, systems engineering, and analytical support for the implementation of USCYBERCOM's Systems Engineering and Integration Authority. This includes development of the Joint Cyber Warfighting Architecture (JCWA) and support for the Component Acquisition Executive (CAE).</li> <li>• Identify capability gaps in current training, materiel, data sources, compute infrastructure, operational tactics, prototypes or other solutions to mitigate risk, including growing the Cyber National Mission Force's (CNMF) ability to engage adversaries at scale; informing deliberations on access strategy; defending non-traditional cyber environments; assessing artificial intelligence needs via systems analysis and create metrics, evaluation tools, and frameworks to ensure robustness; enhancing measurement of and evaluation capabilities for offensive cyber tools; and providing technical evaluation of innovations associated with Defense</li> </ul> </p>	-	0.000	27.393

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY59A1 / <i>CYBERCOM Activities</i>

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>Advanced research Projects Agency (DARPA) Constellation, In-Q-Tel, and other programs and support the rapid integration of these technologies.</p> <ul style="list-style-type: none"> <li>• Develop Mission Relevant Terrain-Cyber (MRT-C) mapping and aggregation mechanisms, to include coordination roles, responsibilities and reporting procedures, and complete initial baseline to provide capability to identify, secure, operate, and maintain situational awareness of USCYBERCOM task critical assets and associated MRT-C.</li> <li>• Develop cyber wargaming concepts and force design projections through modeling and simulation efforts, which influence strategic cyber targeting strategy. The concepts incorporate Artificial Intelligence(AI) and Machine Learning(ML) projections to understand the future cyber scalability challenges and influence the force design models.</li> </ul> <p><b>FY 2025 Plans:</b> FY 2025 funds will support the following priority tasks and capabilities for HQ Support:</p> <ul style="list-style-type: none"> <li>• Continue to assist USCYBERCOM with the implementation of the Systems Engineering and Integration Authorities and other necessary system and process development.</li> <li>• Continue to refine assessment of capability gaps in training, materiel, data sources, compute infrastructure, and operational tactics as these evolve and mature. This involves providing enhanced options to integrate prototyped mitigation technologies into operations; providing engagement options to the CNMF within the areas of Hunt Forward Operations and analysis of Malicious Cyber Actor (MCA) target systems; and ensuring CNMF operational needs are being met in the prototype development process via incorporating adjustments to the systems based on feedback from operators.</li> <li>• Conduct analysis in newer areas, such as delivering an integrated prototype of an artificial intelligence enabled system and its components; continuing to improve performance and evaluate mission-ready, artificial intelligence enabled systems based on FY 2024-funded artificial intelligence efforts; expanding the common cyber mission data holdings to support multi-domain missions; further enhancing and integrating novel assessment technologies to satisfy operational requirements; and developing and refining prototype sensing capabilities for non-traditional cyber environments to enhance the Cyber Mission Force’s ability to defend nations’ critical infrastructure.</li> <li>• Expand technical evaluations of innovations coming from DARPA Constellation, In-Q-Tel, and other programs, including guiding leading technologies from these efforts toward rapid technical transfer and integration into USCYBERCOM’s mission.</li> <li>• Mature the MRT-C mapping, to include extension to Service Cyber Components (SCC), and develop and test methods and procedures to execute Cybersecurity Risk Assessments of terrain to proactively identify and manage risks against USCYBERCOM task critical assets and associated MRT-C.</li> <li>• Further develop cyber wargaming concepts to include dynamic scenarios and the force design projections through modeling and simulation efforts, which will further refine strategic cyber targeting strategy.</li> </ul> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b></p>			

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY59A1 / <i>CYBERCOM Activities</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>		<b>FY 2025</b>
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In FY 2024, funding for HQ Engineering and Analytical support is 27.185 in Project Code CY04. For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities..

**Title:** HQ IT Development 0.000      0.000      8.307

**Description:** USCYBERCOM develops, enhances, and operates commercial cloud environments for the enterprise, integrating cybersecurity and common IT services with cyberspace planning and operations to enable the CMF and support elements with rapid capabilities necessary to persistently engage and defeat the adversary in cyberspace. USCYBERCOM supports and enhances centralized continuous monitoring, security control assessment, and DoD mandated Cybersecurity Service Provider (CSSP) services in support of IT system development and JCWA to include exploration on integrating DevSecOps capabilities.

**FY 2024 Plans:**

FY 2024 funding for HQ IT supports establishing recurring Engineering Review Boards (ERB) and Architecture Review Boards (ARB) to align sustainment criteria for systems throughout the design and development phases of capability development. The funding also achieves the ability to develop, test, and field a Command Cloud Infrastructure-as-a-Service environment on SIPRNet, and testing of commercial cloud services in the Top Secret environment to enable rapid accreditation and deployment of emerging technology and cyber tools. FY 2024 funding also supports development and implementation of cybersecurity requirements.

**FY 2025 Plans:**

FY 2025 funding for HQ IT will support the continuation of efforts on providing engineering and cybersecurity support for new IT requirements analysis, design, planning and implementation of IT solutions. These include implementing centralized security and monitoring capabilities for the Command's dynamic multi-cloud and on premise network environment spanning across classification levels. FY 2025 funding also supports incorporating DevSecOps frameworks, tools and enforcement mechanisms into cloud infrastructure environments and IT system development processes, to include prototyping and development of automated Authority to Operate (ATO) capabilities to support rapid accreditation of mission systems.

**FY 2024 to FY 2025 Increase/Decrease Statement:**

In FY 2024, funding for HQ IT Development was 27.904 in Project CY04.

The decrease between FY 2024 and FY 2025 is due to a decrease in HQ IT RDT&E funding as cloud reconstitution activities, to include development and testing of Infrastructure as Code (IaC), and common environments are accredited in FY 2024. The majority of funding (26) will realign to O&M as activities transition to steady-state cloud hosting, enterprise cloud governance, and concerted efforts to identify, assess, and execute minor refactoring of IT systems and mission cyberspace capabilities for integration into the Command Cloud commercial environments.

<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000		35.700
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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY59A1 / <i>CYBERCOM Activities</i>
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**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

Facilitate the delivery of cyber capability 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 will be executed and managed by USCYBERCOM Acquisition authority, as well as various Service Component contracting offices, other Defense Agency contracting offices and the National Security Agency contracting offices.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY59A1 / <i>CYBERCOM Activities</i>
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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			
Cyber Technology	C/Various	Various : Various	-	-		0.000		35.700	Oct 2024	-		35.700	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		35.700		-		35.700	Continuing	Continuing	N/A

**Remarks**  
Explain

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	-	-	0.000	35.700	-	35.700	Continuing	Continuing	N/A

**Remarks**

**UNCLASSIFIED**

**Exhibit R-4, RDT&E Schedule Profile:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY59A1 / <i>CYBERCOM Activities</i>
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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>Cyber Technology Development</i></b>	
Cyber Technology Development	[REDACTED]

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY59A1 / <i>CYBERCOM Activities</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cyber Technology Development</i></b>				
Cyber Technology Development	1	2025	4	2028

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0208059JCY / CYBERCOM Activities				Project (Number/Name) CY04 / CYBERCOM Activities			
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
CY04: CYBERCOM Activities	-	0.000	65.484	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

CYBERCOM Activities extends the capabilities of the headquarters. It funds engineering support, analytical support, and IT development for the headquarters. These activities make it possible for the headquarters to expand its contributions to the Joint Force while operating with greater effectiveness and efficiency.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> CYBERCOM Activities	0.000	65.484	0.000
<p><b>Description:</b> Supports specialized expertise to provide technical, scientific, analytical, and engineering support to enhance the full range of cyber activities across the spectrum of conflict. This expertise spans enterprise systems engineering and systems architecture design, requirements analysis, development and assessment of system integration strategies, analysis of technical performance and mission readiness, strategic planning, capability assessments and gap analysis, special program planning, and acquisition support. The result is an enhanced USCYBERCOM ability to develop and effectively deploy effective defensive and offensive cyber operational effects.</p> <p>USCYBERCOM will continue to develop, enhance, and operate commercial cloud environments for the USCYBERCOM enterprise, integrating cybersecurity and common IT services with cyberspace planning and operations to enable the Cyber Mission Force (CMF) and support elements with rapid capabilities necessary to persistently engage and defeat the adversary in cyberspace. Continued support and enhancement to centralized continuous monitoring, security control assessment, and DoD mandated Cybersecurity Service Provider (CSSP) services in support of IT system development and Joint Cyber Warfighting Architecture (JCWA) will continue, to include exploration on integrating DevSecOps capabilities.</p> <p>USCYBERCOM also leverages technical staff support for cybersecurity, engineering, and architecture activities in support of IT capability development, assessment, and modernization of USCYBERCOM systems.</p> <p>Another support area is, in accordance with JP-5.0, Joint Planning, continuing to develop a Strategic Cyber Targeting Strategy force design, in support of concepts and development of Joint Warfighting Concepts. These efforts will enable USCYBERCOM to identify potential cyber targets, develop trained personnel, infrastructure, and capabilities, and join joint forces in executing military operations.</p> <p><b>FY 2024 Plans:</b></p>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY04 / <i>CYBERCOM Activities</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>FY 2024, funding supports HQ IT establishing recurring Engineering Review Boards (ERB) and Architecture Review Boards (ARB) to align sustainment criteria for systems throughout the design and development phases of capability development. The funding also achieves the ability to develop, test, and field a Command Cloud Infrastructure-as-a-Service environment on SIPRNet, and testing of commercial cloud services in the Top Secret environment to enable rapid accreditation and deployment of emerging technology and cyber tools. Other key tasks achieved with FY 2024 funding are the development and implementation of cybersecurity requirements for standard and rapid program management activities.</p> <p>FY 2024 funds support the following priority tasks and capabilities for HQ Support:</p> <ul style="list-style-type: none"> <li>• Provide a range of technical, systems engineering, and analytical support for the implementation of USCYBERCOM’s Systems Engineering and Integration Authority. This includes development of the Joint Cyber Warfighting Architecture (JCWA) and support for the Component Acquisition Executive (CAE).</li> <li>• Identify capability gaps in current training, materiel, data sources, compute infrastructure, and operational tactics and develop prototypes and other solutions to mitigate risk, including growing the Cyber National Mission Force’s (CNMF) ability to engage adversaries at scale; informing deliberations on access strategy; defending non-traditional cyber environments; assessing artificial intelligence needs via systems analysis and create metrics, evaluation tools, and frameworks to ensure robustness; enhancing measurement of and evaluation capabilities for offensive cyber tools; and providing technical evaluation of innovations associated with DARPA Constellation, In-Q-Tel, and other programs and support the rapid integration of these technologies.</li> <li>• Develop Mission Relevant Terrain-Cyber (MRT-C) mapping and aggregation mechanisms, to include coordination roles, responsibilities and reporting procedures, and complete initial baseline to provide capability to identify, secure, operate, and maintain situational awareness of USCYBERCOM task critical assets and associated MRT-C.</li> <li>• Develop cyber wargaming concepts and force design projections through modeling and simulation efforts, which will influence strategic cyber targeting strategy. The concepts will incorporate AI and ML projections to understand the future cyber scalability challenges and influence the force design models</li> </ul> <p><b>FY 2025 Plans:</b> USCYBERCOM activities continue in FY 2025 but have been realigned to project CY59A1..</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities . For FY 2025 35.7 was realigned from to project CY04 CYBERCOM Activities to Project CY59A1 CYBERCOM Activities. For FY 2025 the remaining 19.8 from Project CY04 CYBERCOM Activities was realigned to PE 0306250JCY, Cyber Operations Technology Support, BA 08, Project CY50D1 "Data Sensors DMSS Kits"</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	65.484	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY04 / <i>CYBERCOM Activities</i>
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**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

Facilitate the delivery of cyber capability 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 will be executed and managed by USCYBERCOM Acquisition authority, as well as various Service Component contracting offices, other Defense Agency contracting offices and the National Security Agency contracting offices.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY04 / <i>CYBERCOM Activities</i>
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<b>Product Development (\$ 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>			
Cyber Technology Department	C/Various	Various : Various	-	-		65.484	Mar 2024	0.000		-		0.000	Continuing	Continuing	-
<b>Subtotal</b>			-	-		65.484		0.000		-		0.000	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		65.484		0.000		-		0.000	Continuing	Continuing	N/A

**Remarks**



**UNCLASSIFIED**

**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY04 / <i>CYBERCOM Activities</i>
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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>Cyber Technology Department</i></b>	
Cyber Technology Department	[REDACTED]

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208059JCY / <i>CYBERCOM Activities</i>	<b>Project (Number/Name)</b> CY04 / <i>CYBERCOM Activities</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cyber Technology Department</i></b>				
Cyber Technology Department	3	2024	3	2026

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY I <i>Robust Infrastructure</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	0.000	170.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
CY05: <i>Robust Infrastructure and Other Cyber Operations Infrastructure</i>	-	0.000	170.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**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 the Joint Force Commander's objectives.

The Joint Common Access Platform (JCAP) supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables Cyber Mission Forces' (CMF) ability to execute operations while managing detection and attribution.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2023</u></b>	<b><u>FY 2024</u></b>	<b><u>FY 2025 Base</u></b>	<b><u>FY 2025 OCO</u></b>	<b><u>FY 2025 Total</u></b>
Previous President's Budget	0.000	170.182	168.080	-	168.080
Current President's Budget	0.000	170.182	0.000	-	0.000
Total Adjustments	0.000	0.000	-168.080	-	-168.080
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Realignment	-	-	-168.080	-	-168.080

**Change Summary Explanation**

For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align project and budget activities. See new project code CY85P1 for further justification information.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / Robust Infrastructure				<b>Project (Number/Name)</b> CY05 / Robust Infrastructure and Other Cyber Operations Infrastructure			
<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>
CY05: Robust Infrastructure and Other Cyber Operations Infrastructure	-	0.000	170.182	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**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 the Joint Force Commander's objectives.

The Joint Common Access Platform (JCAP) supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables Cyber Mission Forces' (CMF) ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Joint Common Access Platform (JCAP)	0.000	89.452	0.000
<p><b>Description:</b> The JCAP supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables CMF's ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP.</p> <p><b>FY 2024 Plans:</b> FY 2024 JCAP funding reflect Commander United States Cyber Command (CDRUSCYBERCOM) priorities within platform releases to include capability improvements that enhance CMF operations and support mission readiness. The JCAP platform continues collaboration with all stakeholders within the Joint Cyber Warfighting Architecture (JCWA), and continues integration efforts across the JCWA portfolio as prioritized through USCYBERCOM.</p> <p><b>FY 2025 Plans:</b> FY 2025 and forward, project CY05 JCAP realigned to project CY85P1.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b></p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY05 / <i>Robust Infrastructure and Other Cyber Operations Infrastructure</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align project and budget activities. See new project code CY85P1 for further justification information.			
<b>Title:</b> Other Cyber Operations Infrastructure	0.000	80.730	0.000
<b>Description:</b> Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.			
<b>FY 2024 Plans:</b> Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.			
<b>FY 2025 Plans:</b> FY 2025 and forward, project code other infrastructure realigned to BA07 project CY85R1.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond USCYBERCOM changed the project code structure to more clearly align projects and budgets activities. See new project CY85R1 for further justification information.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	170.182	0.000

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

N/A

**Remarks**

**D. Acquisition Strategy**

Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.



**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY05 / <i>Robust Infrastructure and Other Cyber Operations Infrastructure</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

<b>Joint Common Access Platform (JCAP)</b>	
Joint Common Access Platform (JCAP)	██████████
<b>Other Cyber Operations Infrastructure</b>	
Other Cyber Operations Infrastructure	██████████

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY05 / <i>Robust Infrastructure and Other Cyber Operations Infrastructure</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Joint Common Access Platform (JCAP)</i></b>				
Joint Common Access Platform (JCAP)	1	2024	4	2024
<b><i>Other Cyber Operations Infrastructure</i></b>				
Other Cyber Operations Infrastructure	1	2024	4	2024



**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY I Cyber Training Environment
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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	0.000	114.980	158.345	-	158.345	126.987	123.271	139.613	142.405	Continuing	Continuing
CY86T1: Cyber Training Environment	0.000	0.000	0.000	158.345	0.000	158.345	126.987	123.271	139.613	142.405	Continuing	Continuing
CY01: Cyber Training Environment	-	0.000	114.980	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

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

Persistent Cyber Training Environment (PCTE) supports the United States Cyber Command (USCYBERCOM) by enabling the critical need for the DoD Cyber Mission Force (CMF) to train at the individual, team, and force level. PCTE provides the DoD CMF with a standardized training capability that maximizes shared content across the Services. PCTE is able to emulate network environments and connects with other range environments and cyber training assets. The Program Executive Office for Simulation, Training, and Instrumentation (PEO STRI) was designated as the DoD Acquisition Lead for the PCTE, and the program is directed by the FY 2016 National Defense Authorization Act, Section 1645. The PCTE program achieved Milestone B on 6 December 2019, with the Joint Requirements Oversight Council (JROC) validation of the Information System - Capability Development Document (IS- CDD) on 4 November 2019. Through ongoing rapid prototyping efforts, the PCTE platform has fulfilled the critical need for a CMF standardized training capability upon release of PCTE Version 2 in Fourth Quarter Fiscal Year 2020 and continues to do so with ongoing version releases.

**B. Program Change Summary (\$ in Millions)**

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	0.000	114.980	158.345	-	158.345
Current President's Budget	0.000	114.980	158.345	-	158.345
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	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			

**Change Summary Explanation**

For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>				<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>			
<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>
CY86T1: <i>Cyber Training Environment</i>	0.000	0.000	0.000	158.345	0.000	158.345	126.987	123.271	139.613	142.405	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

PCTE supports the United States Cyber Command (USCYBERCOM) by enabling the critical need for the DoD CMF to train at the individual, team, and force level. PCTE provides the DoD CMF with a standardized training capability that maximizes shared content across the Services. PCTE emulates network environments and connects with other range environments and cyber training assets. The Program Executive Office for Simulation, Training, and Instrumentation (PEO STRI) was designated as the DoD Acquisition Lead for the PCTE, and the program is directed by the 2016 National Defense Authorization Act, Section 1645. The PCTE program achieved Milestone B on 6 December 2019 with the Joint Requirements Oversight Council (JROC) validation of the Information System - Capability Development Document (IS-CDD) on 4 November 2019, the PCTE program quickly achieved Milestone B on 6 December 2019. Through ongoing rapid prototyping efforts, the PCTE platform has fulfilled the critical need for a CMF standardized training capability upon release of PCTE Version 2 in Fourth Quarter Fiscal Year 2020 and continues to do so with ongoing version releases.

FY 2025 PCTE funding will focus on capability improvements that enhance CMF operations and support to mission readiness. Areas of planned enhancements will focus on feature updates and capacity expansion required to deliver accelerated PCTE schoolhouse training, improved CMF Joint Qualification Requirements (JQRs) training and increased mission rehearsal capabilities. Some improvements to the PCTE capability include instructor course management, improved notifications and alerts functionality, and automated environment building. PCTE will integrate scalable enterprise platforms for the SECRET/RELEASABLE and TOP SECRET enclaves. PCTE will continue to expand infrastructure on existing UNCLASSIFIED platforms. The PCTE platform will continue collaboration with all stakeholders within the Joint Cyber Warfighting Architecture (JCWA) and continue integration efforts across the JCWA portfolio as prioritized through USCYBERCOM. The PCTE platform will maintain accreditations at all required classification levels that to serve DoD CMF user training at all domains classification levels. Platform infrastructure and licensing will be maintained to support the full DoD CMF user base.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Event Management for Persistent Cyber Training Environment (PCTE)	-	-	93.951
<b>Description:</b> Design, build and iterate PCTE capabilities; build upon individual, collective and institutional training features supporting operational force training requirements supported by standardized training assessment tools and capabilities; develop improved readiness functions, event scheduling, allocation and management for PCTE to include event design, planning, and execution.			
<b>FY 2025 Plans:</b>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>FY 2025 PCTE funding will continue to focus on capability improvements that enhance CMF operations and support mission readiness. Areas of planned enhancements are comprised of PCTE application features and capability updates required to accelerate initial PCTE schoolhouse training, improve CMF JQRs training, and increase mission rehearsal capabilities. Improvements to the PCTE capability such as instructor course management, improved notifications and alerts functionality, automated environment building, and external content integration will be developed and integrated to support USCYBERCOM holistic readiness objectives.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The FY 2025 funding accounts for PCTE capability development related to the continued capacity expansion efforts. In FY 2025 execution of these resources continue to focus on CMF schoolhouse integration and mission rehearsal.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project from project CY01 to project CY86T1 to more clearly align projects and budget activities.</p>				
<p><b>Title:</b> Environment Operations and Management for Persistent Cyber Training Environment (PCTE)</p> <p><b>Description:</b> Development of PCTE with mission-relevant terrain and realistic vignettes/scenarios as part of a system (syllabus) of individual and collective training that includes certification and real-world mission rehearsals.</p> <p><b>FY 2025 Plans:</b> FY 2025 PCTE funding will continue to focus on integrating the capability as part of the JCWA data fabric in collaboration with all component stakeholders. To enhance CMF operations and support mission readiness, PCTE plans to focus on JCWA mission objectives through continuing execution of USCYBERCOM prioritized mission threads focused on integration with Joint Cyber Command and Control (JCC2), Joint Common Access Platform (JCAP), Unified Platform (UP), and Joint Development Environment (JDE) that increase mission relevant content sharing, integration computation and data exchange related to the USCYBERCOM identified priorities.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The FY 2025 funding increase supports the continued integration efforts across the JCWA portfolio. An increase in integration activity with JDE is directly related to the CMF Mission Rehearsal requirements.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project from project CY01 to project CY86T1 to more clearly align projects and budget activities.</p>		-	-	10.190
<p><b>Title:</b> Physical and Virtual Connectivity for the Persistent Cyber Training Environment (PCTE)</p>		-	-	51.794

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p><b>Description:</b> PCTE maintains an infrastructure that is highly dynamic mainly consisting of Regional Compute and Storage (RCS) nodes that enables on demand, reliable, and secure virtual access from anywhere participants are geographically located. Additionally, the PCTE RCS infrastructure creates a core cyber exercise integrated network and event management platform to support CMF training on all domains and classification levels.</p> <p><b>FY 2025 Plans:</b> FY 2025 PCTE funding will focus on enabling the platform infrastructure to scale to meet CMF readiness objectives. As part of the technical refresh strategy, PCTE will integrate scalable enterprise platforms for the SECRET/RELEASABLE and TOP SECRET enclaves. PCTE will continue to expand infrastructure on existing UNCLASSIFIED platforms, expanding RCS capacity and delivering infrastructure improvements required to enable schoolhouse training on PCTE, significantly increasing PCTE’s ability to host CMF JQR training and expanding mission rehearsal capabilities. To support readiness, PCTE infrastructure will continue to leverage DoD and commercial enterprise transport services at the UNCLASSIFIED, SECRET/RELEASABLE, and TOP SECRET enclaves.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2025, PCTE will increase efforts delivering infrastructure improvements, Mission Rehearsal objectives, and SECRET/RELEASABLE enterprise solutions for qualifications and schoolhouse training.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project from project CY01 to project CY86T1 to more clearly align projects and budget activities..</p>			
<p><b>Title:</b> Persistent Cyber Training Environment (PCTE) Test and Evaluation</p> <p><b>Description:</b> PCTE integration, development, and operational testing which includes validation and verifications (V&amp;V), operational assessments (OA), and testing in association with cyber training exercises. These areas are incorporated throughout the Product Manager (PM) Development Operations (DevOps) process in coordination with the Director, Operational Test and Evaluation (DOT&amp;E). An Operational Test Authority (OTA) has been incorporated to conduct operational testing leveraging DevOps processes.</p> <p><b>FY 2025 Plans:</b> Testing will continue in FY 2025 with integration and V&amp;V testing of the integration activities focused on the PCTE scalable enterprise solutions supporting the Commander USCYBERCOM (CDRUSCYBERCOM) priorities. PCTE will conduct integrated and targeted Developmental Testing and Operational Testing to verify capability features are operational and gather user feedback to assess effectiveness and suitability. An increase in scalability testing efforts are planned to assess capacity improvements. PCTE will conduct a series of cybersecurity purple teaming test as well as Persistent Cyber Operations test</p>	-	-	2.410

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>conducted by an NSA certified red team to ensure a resilient PCTE capability. Operational Test efforts in FY 2025 include integration testing with other platforms within the JCWA.</p> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b>                      In FY 2025, PCTE will increase test and evaluation efforts supporting the increase in infrastructure improvements. As the TOP SECRET and SECRET/RELEASABLE enterprise solutions are provisioned, developmental and operational testing efforts would increase in parallel to assess effectiveness, suitability, and survivability of the platform related to the CDRUSCYBERCOM. A part of developmental test will include an increase in scalability testing on the enterprise solutions being integrated.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project from project CY01 to project CY86T1 to more clearly align projects and budget activities..</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	158.345

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

N/A

**Remarks**

N/A

**D. Acquisition Strategy**

The PCTE program employs an incremental acquisition strategy leveraging a number of contracting vehicles and acquisition streamlining methods to deliver capability rapidly and efficiently. Through the execution of existing cyber contracts, Other Transactional Authority (OTA) contracts, and Federal Acquisition Regulation (FAR) based contracts, the PCTE program is able to continue enabling the PCTE platform to achieve scalability, optimization, innovation, and quality standards to meet the dynamic needs of the CMF user base. The Product Manager awarded an integration focused Single Award Indefinite Delivery/Indefinite Quantity (ID/IQ) contract to serve PCTE as well as other cyber community customers called the Cyber Training, Readiness, Integration, Delivery, and Enterprise Technology (TRIDENT) contract on Q1 FY 2022. The Cyber TRIDENT contract enables PCTE to provide iterative capability to address Cyber Command mission objectives with a primary focus on feature updates and capacity expansion required to deliver PCTE schoolhouse training, improved CMF JQRs training and increased mission rehearsal capabilities.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>
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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			
PCTE Development and Integration Support	C/IDDQ	Various : Various	-	-		0.000		10.190	Mar 2025	-		10.190	Continuing	Continuing	-
PCTE Cyber Training, Readiness, Integration, Delivery, and Enterprise Technology (TRIDENT) Contract	C/IDDQ	Various : Various	-	-		0.000		87.732	May 2025	-		87.732	Continuing	Continuing	-
PCTE Development and Integration - Other Contracts	Option/ FFP	Various : Various	-	-		0.000		58.013	Apr 2025	-		58.013	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		155.935		-		155.935	Continuing	Continuing	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			
PCTE Government Test and Evaluation	Option/ Various	Various : Various	-	-		0.000		2.410	Apr 2025	-		2.410	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		2.410		-		2.410	Continuing	Continuing	N/A

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract	
<b>Project Cost Totals</b>		-	-	0.000	158.345	-	158.345	Continuing	Continuing	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>
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Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028							
	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				
Platform Releases (v1.0 - v7.0) - (IS-CDD 1)	Platform Releases [v1.0 - v7.0] - [IS-CDD 1]																															
PCTE v4.0	1 PCTEv4.0																															
PCTE v5.0	2 PCTEv5.0																															
PCTE v6.0	3 PCTEv6.0																															
PCTE v7.0	4 PCTEv7.0																															
Platform Releases (v8.0 - v13.0) - (IS-CDD 2)																	Platform Releases [v8.0] - [IS-CDD 2]															
PCTE v8.0																	5 PCTEv8.0															
PCTE v9.0																	6 PCTEv9.0															
PCTE v10.0																	7 PCTEv10.0															
PCTE v11.0																	8 PCTEv11.0															
PCTE v12.0																	9 PCTEv12.0															
PCTE v13.0																	10 PCTEv13.0															

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY86T1 / <i>Cyber Training Environment</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Platform Releases (v8.0-v13.0 - (IS-CDD 2) 02-2024 to 04-2026</i></b>				
PCTE v8.0	2	2024	2	2024
PCTE v9.0	4	2024	4	2024
PCTE v10.0	2	2025	2	2025
PCTE v11.0	4	2025	4	2025
PCTE v12.0	2	2026	2	2026
PCTE v13.0	4	2026	4	2026



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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>			<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>				
<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>
CY01: <i>Cyber Training Environment</i>	-	0.000	114.980	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

PCTE supports the USCYBERCOM by enabling the critical need for the DoD CMF to train at the individual, team, and force level. PCTE provides the DoD CMF with a standardized training capability that maximizes shared content across the Services. PCTE emulates network environments as well as connect with other range environments and cyber training assets. The PEO STRI was designated as the DoD Acquisition Lead for the PCTE and the program is directed by the 2016 National Defense Authorization Act, Section 1645. With the JROC validation of the IS-CDD on 4 November 2019, the PCTE program quickly achieved Milestone B on 6 December 2019. Through ongoing rapid prototyping efforts, the PCTE platform has fulfilled the critical need for a CMF standardized training capability upon release of PCTE Version 2 in Fourth Quarter Fiscal Year 2020 and continues to do so with ongoing version releases.

FY 2024 PCTE funding focuses on CDRUSCYBERCOM priorities within platform releases to include capability improvements that enhance CMF operations and support mission readiness. Areas of planned enhancements focus on feature updates and capacity expansion required to deliver initial PCTE schoolhouse training, improved CMF JQRs training and increased mission rehearsal capabilities. The PCTE platform continues collaboration with all stakeholders within the JCWA, and continue integration efforts across the JCWA portfolio as prioritized through USCYBERCOM. The PCTE platform maintains accreditations at all required classification levels that to serve DoD CMF user training at all domains classification levels. Platform infrastructure and licensing supports the full DoD CMF user base.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Event Management for Persistent Cyber Training Environment (PCTE)	0.000	68.221	0.000
<b>Description:</b> Design, build and iterate PCTE capabilities; build upon individual, collective and institutional training features supporting operational force training requirements supported by standardized training assessment tools and capabilities; develop improved readiness functions, event scheduling, allocation and management for PCTE to include event design, planning, and execution.			
<b>FY 2024 Plans:</b> FY 2024 PCTE funding focuses on CDRUSCYBERCOM priorities within platform releases to include capability improvements that enhance CMF operations and support mission readiness. Areas of planned enhancements are comprised of PCTE application features and capability updates required to accelerate initial PCTE schoolhouse training, improve CMF JQRs training, and increase mission rehearsal capabilities. Improvements to features such as readiness assessment, traffic generation, learning			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>management, training content development and discoverability continue to mature to support USCYBERCOM holistic readiness objectives.</p> <p><b>FY 2025 Plans:</b> FY2025 and forward, project CY01 realigned to project CY86T1.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects.</p> <p>See new project code CY86T1 for further justification information.</p>				
<p><b>Title:</b> Environment Operations and Management for Persistent Cyber Training Environment (PCTE)</p> <p><b>Description:</b> Development of PCTE with mission-relevant terrain and realistic vignettes/scenarios as part of a system (syllabus) of individual and collective training that includes certification and real-world mission rehearsals.</p> <p><b>FY 2024 Plans:</b> FY 2024 PCTE funding continues to focus on USCYBERCOM priorities to integrate the capability as part of the JCWA data fabric in collaboration with all component stakeholders. To enhance CMF operations and support mission readiness, PCTE plans to focus on JCWA mission objectives that increase mission relevant content sharing, integration computation and data exchange.</p> <p><b>FY 2025 Plans:</b> FY2025 and forward, project CY01 realigned to project CY86T1.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> USCYBERCOM realigned project codes. See new project code CY86T1 for further justification information.</p>		0.000	7.399	0.000
<p><b>Title:</b> Physical and Virtual Connectivity for the Persistent Cyber Training Environment (PCTE)</p> <p><b>Description:</b> PCTE maintains an infrastructure that is highly dynamic mainly consisting of nodes that enables on demand, reliable, and secure virtual access from anywhere participants are geographically located. Additionally, the PCTE RCS infrastructure creates a core cyber exercise integrated network and event management platform to support CMF training on all domains and classification levels.</p> <p><b>FY 2024 Plans:</b> FY 2024 PCTE funding focuses on CDRUSCYBERCOM priorities that enable the platform infrastructure to scale to meet CMF readiness objectives. As part of the technical refresh strategy, PCTE introduces a scalable enterprise platform infrastructure. This new approach provides enhancements to expand RCS capacity and deliver infrastructure improvements required to enable schoolhouse training on PCTE, significantly advance CMF JQRs training and increase mission rehearsal capabilities. To support</p>		0.000	37.610	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>readiness, PCTE infrastructure continues to leverage DoD and commercial enterprise transport services at the Unclassified, Secret/Releasable, and Top-Secret enclaves.</p> <p><b>FY 2025 Plans:</b> FY2025 and forward, project CY01 realigned to CY86T1.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> USCYBERCOM realigned project codes. See new project CY86T1 for further justification information.</p>			
<p><b>Title:</b> Persistent Cyber Training Environment (PCTE) Test and Evaluation</p> <p><b>Description:</b> PCTE integration, development, and operational testing which includes validation and verifications (V&amp;V), operational assessments (OA), and testing in association with cyber training exercises. These areas are incorporated throughout the Product Manager (PM) Development Operations (DevOps) process in coordination with the Director, Operational Test and Evaluation (DOT&amp;E). An Operational Test Authority (OTA) has been incorporated to conduct operational testing leveraging DevOps testing processes.</p> <p><b>FY 2024 Plans:</b> Testing continues in FY 2024 with integration and V&amp;V testing of the PCTE capability on a per-version basis. To decrease the time it takes to identify and resolve emerging Cyber threats on the platform, PCTE is subject to continuous Cybersecurity focused test activities in FY 2024 through a concept called Persistent Cyber Operations. Operational Test efforts in FY 2024 include integration testing with other platforms within the JCWA.</p> <p><b>FY 2025 Plans:</b> FY2025 and forward, project code CY01 realigned to CY86T1.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> USCYBERCOM realigned project codes. See new project code CY86T1 for further justification information.</p>	0.000	1.750	0.000
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	114.980	0.000

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

N/A

**Remarks**

**D. Acquisition Strategy**

The PCTE program employs an incremental acquisition strategy leveraging a number of contracting vehicles and acquisition streamlining methods to deliver capability rapidly and efficiently. Through the execution of existing cyber contracts, OTA contracts, and Federal Acquisition Regulation (FAR) based contracts, the PCTE program

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>

continues to enable the PCTE platform to achieve scalability, optimization, innovation, and quality standards to meet the dynamic needs of the CMF user base. The Product Manager awarded an integration focused Single Award ID/IQ contract to serve PCTE as well as other cyber community customers called the TRIDENT contract on Q1 FY 2022. The Cyber TRIDENT contract enables PCTE to provide iterative capability provided to the CMF in Capability Drops (CDs) that either improve or add features. These CDs will be based on requirements contained and further developed as part of the PCTE IS-CDD. This is a major capability acquisition that will continue to deliver capability in line with Information Technology (IT) Box requirements strategy.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>
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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			
PCTE Development and Integration Support	C/IDDQ	Various : Various	-	-		7.399	Mar 2024	-		-		-	Continuing	Continuing	-
PCTE Cyber Training, Readiness, Integration, Delivery, and Enterprise Technology (TRIDENT) Contract	C/IDDQ	Various : Various	-	-		63.705	May 2024	-		-		-	Continuing	Continuing	-
PCTE Development and Integration - Other Contracts	Option/FFP	Various : Various	-	-		42.126	Apr 2024	-		-		-	Continuing	Continuing	-
PCTE Government Test and Evaluation	Option/Variou	Various : Various	-	-		1.750	Apr 2024	-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		114.980		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>		-	-	114.980	-	-	Continuing	Continuing	N/A

**Remarks**  
N/a

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>
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Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028							
	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				
Platform Releases (v1.0 - v7.0) - (IS-CDD 1)	Platform Releases [v1.0 - v7.0] - [IS-CDD 1]																															
PCTE v4.0	1 PCTEv4.0																															
PCTE v5.0	2 PCTEv5.0																															
PCTE v6.0	3 PCTEv6.0																															
PCTE v7.0	4 PCTEv7.0																															
Platform Releases (v8.0 - v13.0) - (IS-CDD 2)																	Platform Releases [v8.0 - v13.0] - [IS-CDD 2]															
PCTE v8.0																	5 PCTEv8.0															
PCTE v9.0																	6 PCTEv9.0															
PCTE v10.0																	7 PCTEv10.0															
PCTE v11.0																	8 PCTEv11.0															
PCTE v12.0																	9 PCTEv12.0															
PCTE v13.0																	10 PCTEv13.0															

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0208086JCY / <i>Cyber Training Environment</i>	<b>Project (Number/Name)</b> CY01 / <i>Cyber Training Environment</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cyber Training Environment</i></b>				
PCTE v9.0	2	2024	2	2024
PCTE v11.0	4	2025	4	2025
PCTE v13.0	4	2026	4	2026

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 4: Advanced Component Development & Prototypes (ACD&P)	<b>R-1 Program Element (Number/Name)</b> PE 0305251JCY / Cyberspace Operations Forces and Force Support
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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	0.000	2.669	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
CY12: Cyberspace Operations Forces and Force Support	0.000	0.000	2.669	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

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

Joint Force Headquarters Department of Defense Information Network's (JFHQ-DODIN) mission is to exercise command and control of the global security and defense of the DODIN to synchronize the protection of DoD components' capabilities to enable power projection and freedom of action across all DoD network enclaves and warfighting domains. The full mission scope of the JFHQ-DODIN includes: the critical daily requirements to protect DODIN, management of requirements for global engagement, and assess the readiness of the DODIN against mission critical Combatant Command Requirements. JFHQ-DODIN provides unity of command between USCYBERCOM and subordinate headquarters and unity effort with all other DoD Components. JFHQ-DODIN ensures the readiness, availability, security of the DODIN for Joint Missions, including effects delivered in and through cyberspace, guaranteeing that the readiness posture of DODIN is maintained.

**B. Program Change Summary (\$ in Millions)**

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	0.000	2.669	2.726	0.000	2.726
Current President's Budget	0.000	2.669	0.000	0.000	0.000
Total Adjustments	0.000	0.000	-2.726	0.000	-2.726
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Year Realignment	-	-	-2.726	-	-2.726

**Change Summary Explanation**

For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities. Project CY12 transferred to CY50D2.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0305251JCY / <i>Cyberspace Operations Forces and Force Support</i>				<b>Project (Number/Name)</b> CY12 / <i>Cyberspace Operations Forces and Force Support</i>			
<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>
<i>CY12: Cyberspace Operations Forces and Force Support</i>	0.000	0.000	2.669	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

JOINT FORCE HEADQUARTERS (JFHQ)/DOD INFORMATION NETWORK (DODIN) - Joint Force Headquarters Department of Defense Information Network's (JFHQ-DODIN) mission is to exercise command and control of the global security and defense of the DODIN to synchronize the protection of DoD components' capabilities to enable power projection and freedom of action across all DoD network enclaves and warfighting domains. The full mission scope of the JFHQ-DODIN includes: the critical daily requirements to protect DODIN, management of requirements for global engagement, and assess the readiness of the DODIN against mission critical Combatant Command Requirements. JFHQ-DODIN provides unity of command between USCYBERCOM and subordinate headquarters and unity effort with all other DoD Components. JFHQ-DODIN ensures the readiness, availability, security of the DODIN for Joint Missions, including effects delivered in and through cyberspace, guaranteeing that the readiness posture of DODIN is maintained.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Cyberspace Operations Forces and Force Support	-	2.669	-
<b>FY 2024 Plans:</b> FY 2024 funding provides research, development, testing and evaluation in support of Cyberspace Operations Forces and Force Support. Funds support efforts necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating, environment.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities. Project CY12 transferred to CY50D2.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	2.669	-

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command			<b>Date:</b> March 2024					
<b>Appropriation/Budget Activity</b> 0400 / 4			<b>R-1 Program Element (Number/Name)</b> PE 0305251JCY / <i>Cyberspace Operations Forces and Force Support</i>			<b>Project (Number/Name)</b> CY12 / <i>Cyberspace Operations Forces and Force Support</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

***Cyberspace Operations Forces and Force Support***

Cyberspace Operations Forces and Force Support



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0305251JCY / <i>Cyberspace Operations Forces and Force Support</i>	<b>Project (Number/Name)</b> CY12 / <i>Cyberspace Operations Forces and Force Support</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cyberspace Operations Forces and Force Support</i></b>				
Cyberspace Operations Forces and Force Support	1	2024	4	2028

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 4: Advanced Component Development & Prototypes (ACD&P)	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / Cyber Operations Technology Support
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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	-	0.000	52.715	0.000	52.715	56.837	32.257	36.225	36.950	Continuing	Continuing
CY50W1: Cyber Weapons/Tools	0.000	0.000	0.000	8.437	0.000	8.437	6.000	6.000	7.000	7.140	Continuing	Continuing
CY50W2: Cyber Weapons/Tools - Hard Targets	0.000	0.000	0.000	26.624	0.000	26.624	31.462	5.343	5.349	5.456	Continuing	Continuing
CY50J1: Joint Cyber Warfighting Architecture (JCWA) Innovation	0.000	0.000	0.000	17.654	0.000	17.654	19.375	20.914	23.876	24.354	Continuing	Continuing

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

Cyber Operations Technology Support delivers the capabilities that Cyber Mission Forces (CMF) need to generate effects against adversaries. It includes a development environment, supports the development of cyber tools and weapons, and integrates the multiple systems needed to deliver timely effects.

Cyber Operations Technology Support develops and expands infrastructure architectures and capabilities/tools to support CMF.

<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	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	52.715	-	52.715
Total Adjustments	0.000	0.000	52.715	-	52.715
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Year Realignment	-	-	52.715	-	52.715

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</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
CY50W1: <i>Cyber Weapons/Tools</i>	0.000	0.000	0.000	8.437	0.000	8.437	6.000	6.000	7.000	7.140	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**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 the Joint Force Commander's objectives.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Cyber Weapons/Tools - Exploits	-	-	8.437
<b>Description:</b> - Provides funds in support of US Indo-Pacific Command's (INDOPACOM's) regional National Defense Strategy to maintain/restore the comparative U.S. military advantage with respect to regional adversaries and to reduce risk regarding DoD contingency plan execution. These Cyber Operations Technology Support investments increase niche tool development for alternative access operations. These activities and resources are necessary to maintain or restore U.S. comparative military advantage and reduce risk of executing Department of Defense contingency plans in support of U.S. national security interests per section the FY 2022 National Defense Authorization Act (NDAA) section 1242.			
Includes Joint Operation Support Program (JOSP) Innovation funding.			
<b>FY 2025 Plans:</b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was \$7.388 in BA07 Project CY06.			
For FY 2025 and beyond USCYBERCOM realigned to BA04 Project CY50W1 to more clearly align project and budget activities.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	8.437

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

N/A

**Remarks**



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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>

**D. Acquisition Strategy**  
N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>
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<b>Product Development (\$ in Millions)</b>				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	
Cyber Weapons/Tools - Exploits	C/Various	Various : Various	-	-		-		8.437		-		8.437	Continuing	Continuing	-	
<b>Subtotal</b>			-	-		-		8.437		-		8.437	Continuing	Continuing	N/A	

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	-	-	-	8.437	-	8.437	Continuing	Continuing	N/A

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</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

<b>Cyber Weapons/Tools - Exploits</b>	
Cyber Weapons/Tools - Exploits	[REDACTED]

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cyber Weapons/Tools - Exploits</i></b>				
<i>Cyber Weapons/Tools - Exploits</i>	4	2024	3	2026

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W2 / <i>Cyber Weapons/Tools - Hard Targets</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
CY50W2: <i>Cyber Weapons/Tools - Hard Targets</i>	0.000	0.000	0.000	26.624	0.000	26.624	31.462	5.343	5.349	5.456	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

US Cyber Command (USCYBERCOM) conducts full-spectrum cyberspace operations to assist Combatant Commanders and the Joint Force in accomplishing their mission objectives in and through cyberspace.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Hard Targets - TWILIGHT ZONE / JANUS	-	-	26.624
<p><b>Description:</b> Project JANUS enables USCYBERCOM's full-spectrum cyberspace operations that assist Combatant Commanders and the Joint Force in accomplishing their mission objectives in and through cyberspace. Project JANUS will:</p> <ul style="list-style-type: none"> <li>• Integrate and plan for the transition of WINTERMUTE</li> <li>• Integrate and plan for the transition of strategic kill-chains and kill webs</li> <li>• Build acquisition capacity to support future transition to USCYBERCOM project management office</li> <li>• Mature and integrate Intel-Dev-Ops processes</li> </ul> <p><b>FY 2025 Plans:</b> FY 2025 funding will continue to build acquisition capacity to transition and continue the integration, development, sustainment of kill-chain as they become operational. Funds USCYBERCOM's acquisition workforce in preparation for the transition of additional kill-chains enabler technologies from DARPA.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> FY 2024 funding was \$20.357 in BA07 project CY06.</p> <p>In FY 2025, a planned increase for Project JANUS to build acquisition capacity to integrate, develop, enhance and sustain kill-chains and kill-webs focused on strategic hard targets. \$5.031 was realigned from O&amp;M to RDT&amp;E.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	26.624

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

N/A

**Remarks**

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W2 / <i>Cyber Weapons/Tools - Hard Targets</i>

**D. Acquisition Strategy**

Project JANUS facilitates the delivery of innovative solutions for existing and emerging technologies to the CMF. 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 leverage various Service Component, Combatant Command and National Security Agency contracting offices for procurement of cyber capabilities and contractor support. Solutions may include the expedited development of innovative capabilities using existing and emerging technologies, thus enabling continued superiority within the cyber domain.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W2 / <i>Cyber Weapons/Tools - Hard Targets</i>
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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			
Cyber Weapons/Tools Hard Targets	C/Various	Various : Various	-	-		-		26.624		-		26.624	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		26.624		-		26.624	Continuing	Continuing	N/A

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	-	-	-	26.624	-	26.624	Continuing	Continuing	N/A

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command			<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W2 / <i>Cyber Weapons/Tools - Hard Targets</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

<b>Hard Targets - TWZ / JANUS</b>																												
TWZ / JANUS																												



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W2 / <i>Cyber Weapons/Tools - Hard Targets</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Hard Targets - TWZ / JANUS</i></b>				
TWZ / JANUS	1	2024	4	2028

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Architecture (JCWA) Innovation</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
CY50J1: <i>Joint Cyber Warfighting Architecture (JCWA) Innovation</i>	0.000	0.000	0.000	17.654	0.000	17.654	19.375	20.914	23.876	24.354	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Rapid Development and Integration Innovation funding will support state of the art, next generation pilot/prototype initiatives, drive enhanced partnership engagement, drive academia and industry engagement, support significant expansion of artificial intelligence capabilities and further develop the Innovation Community of Interest.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Joint Cyber Warfighting Architecture (JCWA) Innovation/Rapid Development and Integration (RDI)	-	-	17.654
<b>Description:</b> Innovation funding will support state of the art, next generation pilot/prototype initiatives, drive enhanced partnership engagement, drive academia and industry engagement, support significant expansion of artificial intelligence capabilities, further develop the Innovation Community of Interest, and set overall investment priorities.			
<b>FY 2025 Plans:</b> FY 2025 funding for RDI will transition tools from Constellation prototypes into JCWA programs of record, to be successfully integrated into the joint architecture and managed by the respective program office. FY 2025 funding also supports the refinement and execution of the functions of the Office of Research and Technology Applications (ORTA), including refining procedures for entering into the Cooperative Research and Development Agreement (CRADA)s and Protection Level Agreements (PLAs). As requirements evolve, RDI funding will support technology transfers training, requirements for personnel responsible for implementing those procedures, legal reviews for CRADA’s and PLAs, and related reporting requirements. Funding will also support artificial intelligence related technical integration of relevant commercial data sets to efficiently identify targets as well as supporting transition, as appropriate, and prioritizing operations to shield defense networks from malicious activities.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was \$20.585 in BA07 Project CY07.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	17.654

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

N/A

**Remarks**

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Architecture (JCWA) Innovation</i>

**D. Acquisition Strategy**

RDI HQ Support: Facilitate the delivery of cyber capability by applying innovative solutions for existing and emerging technologies. Utilizes contracting vehicles executed and managed by USCYBERCOM, Service Component, academia through Educational Partnership Agreements, other Defense Agencies and the National Security Agency.

RDI Innovation: Facilitate the delivery of cyber capability by applying innovative solutions for existing and emerging technologies. Variations of both fixed price and cost plus contracting vehicles will be executed and managed by USCYBERCOM Acquisition authority, as well as USCYBERCOM's Innovation pipeline process with a number of innovation partners, including DARPA, Federal Service Labs, and Defense Innovation Unit, Federally Funded Research and Development Centers, and Partnership Intermediary Agreements.



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Architecture (JCWA) Innovation</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

***JCWA - Innovation/Rapid Development and Integration (RDI)***

JCWA - Innovation/Rapid Development and Integration (RDI)



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Architecture (JCWA) Innovation</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>JCWA - Innovation/Rapid Development and Integration (RDI)</b>				
JCWA - Innovation/Rapid Development and Integration (RDI)	4	2025	3	2026

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</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	0.000	-	154.375	-	154.375	117.624	118.795	118.862	121.241	Continuing	Continuing
CY85P1: <i>JCAP</i>	0.000	0.000	-	95.208	-	95.208	97.213	99.254	101.333	103.360	Continuing	Continuing
CY85R1: <i>Other Robust Infrastructure</i>	-	0.000	-	59.167	-	59.167	20.411	19.541	17.529	17.881	Continuing	Continuing

**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 the Joint Force Commander's objectives.

Robust Infrastructure are the platforms necessary to conduct offensive and defensive cyberspace operations. The Joint Common Access Platform (JCAP) supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables Cyber Mission Forces' (CMF) ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP.

The Robust Infrastructure portfolio provides select resources in support of Defensive Cyber Operations, such as the managed unclassified infrastructure that provides virtual tenant spaces for Cyber National Mission Force (CNMF) Hunt Forward Operations (HFO) missions. CNMF conducted 22 HFO deployments to support foreign allies/partners over FY 2023.

Robust Infrastructure also includes Cyberspace Rapid Response Platform (CRRP) resources critical for CYBERCOM's CNMF to successfully implement new and extended capabilities, services, tradecraft/tactics, and partnerships optimized to accelerate and expand opportunities to counter adversary aggression, especially when arising under no-notice and other emergent / crisis scenarios. CRRP resources are foundational for the success of the CNMF's new Joint Task Force ZERO, which is charged with rapid access generation, innovation, and transfer of actionable cyber insights and methods across the CNMF as a whole, to other CYBERCOM elements, and to designated partners.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY I <i>Robust Infrastructure</i>
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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	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	154.375	-	154.375
Total Adjustments	0.000	0.000	154.375	-	154.375
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Realignment	-	-	154.375	-	154.375

**Change Summary Explanation**

For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.



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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208085JCY / Robust Infrastructure				Project (Number/Name) CY85P1 / JCAP			
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
CY85P1: JCAP	0.000	0.000	-	95.208	-	95.208	97.213	99.254	101.333	103.360	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

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 the Joint Force Commander's objectives.

The JCAP supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables CMF's ability to execute operations while managing detection and attribution. The JCAP program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP.

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

	FY 2023	FY 2024	FY 2025
<p><b>Title:</b> Joint Common Access Platform (JCAP)</p> <p><b>Description:</b> The JCAP supports USCYBERCOM by providing a protected, managed, orchestrated environment and common firing platform to coordinate and execute the delivery of cyber effects against approved targets. This capability enables CMF's ability to execute operations while managing detection and attribution. The JCAP program expands upon existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed," constantly evolving JCAP.</p> <p>Accomplishments: JCAP has successfully integrated cross-service capabilities into a fielded product to provide a common platform for delivery of all future offensive cyberspace actions. JCAP has also delivered two Minimum Viable Capability Releases (MVCRs) in FY 2023 to replace multiple service-developed cyber infrastructures.</p> <p><b>FY 2025 Plans:</b> FY 2025 JCAP funding supports CDRUSCYBERCOM priorities to deliver capabilities that enhance the platforms effectiveness while maintaining mission readiness. Continuous JCAP releases are planned to maintain readiness and address emerging technologies while staying aligned to USCYBERCOM priorities. Enhancements to the platform include:</p> <ul style="list-style-type: none"> <li>• Modernizing the infrastructure and software by transitioning from on-premises cloud to a hybrid-cloud architecture to optimize and increase capacity to support CMF operational demands</li> <li>• Adding a second data center to ensure continuity of operations and expand capacity</li> <li>• Deliver a federated security operations center that expands defensive cyberspace capabilities to all four cyber service components</li> </ul>	-	-	95.208

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85P1 / <i>JCAP</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
<ul style="list-style-type: none"> <li>• Managing infrastructure orchestration across data centers for increased resiliency and failover</li> <li>• Integrating with other JCWA components, specifically integration of new cyber effects and enhancements in interoperability across the JCWA portfolio with the Joint Cyber Command and Control (JCC2), Unified Platform (UP), Persistent Cyber Training Environment (PCTE), and the Joint Deployment Environment (JDE).</li> </ul> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> FY 2024 funding is 89.452 in BA07 project CY05.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.</p> <p>The FY 2025 increase supports modernization of JCAP infrastructure and software. This includes implementing machine learning and large language models to improve security of the platform. Additionally, JCAP will automate the ingestion of Cyber Task Order mission data to accelerate pre-mission activities.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	95.208

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

N/A

**Remarks**

**D. Acquisition Strategy**

The Joint Common Access Platform (JCAP) program leverages existing service access platform programs, with the objective of combining, enhancing, and evolving existing program baselines into a "Best of Breed" JCAP and transitioning of R&D capabilities from Defense Advanced Research Projects Agency (DARPA) and Federally Funded Research and development Centers (FFRDCs). Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85P1 / <i>JCAP</i>
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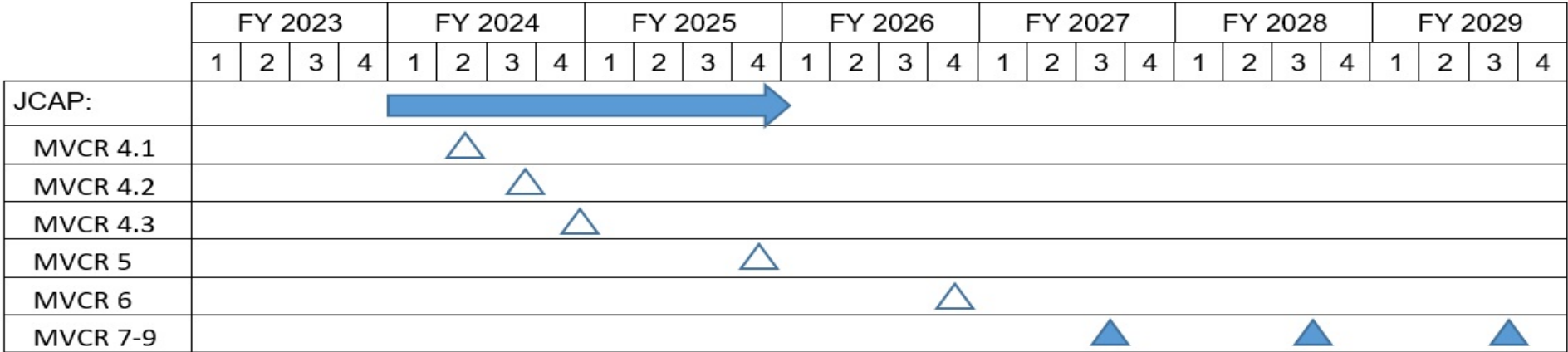
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
JCAP Development	C/Various	Various : Various	-	-		-		71.815	Jun 2025	-		71.815	Continuing	Continuing	-
Development Enhancements	C/Various	Various : Various	-	-		-		11.387	Nov 2024	-		11.387	Continuing	Continuing	-
CIV PAY	C/Various	Various : Various	-	-		-		4.052	Jan 2025	-		4.052	Continuing	Continuing	-
Test and Eval	C/Various	Various : Various	-	-		-		7.954	Dec 2024	-		7.954	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		95.208		-		95.208	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		-		95.208		-		95.208	Continuing	Continuing	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85P1 / <i>JCAP</i>
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- MVCR 4.1: Bi-Directional Data Flow
- MVCR 4.2: Cross Domain Solution Raise the Bar 3.0 Compliance
- MVCR 4.3: Classified Mission Management
- MVCR 5: Hybrid-Cloud, Data Centers with Failover and Resiliency Enhancements, and Federated Security Operations Center
- MVCR 6: Off-Net Bridging Operations, JCWA Interoperability, and Integrate New Joint Cyber Weapons
- MVCR 7-9: Data Center Technical Refresh, Operator/User Driven Enhancements, and JCWA Integration

\*Minimum Viable Capability Release (MVCR)

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85P1 / <i>JCAP</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Joint Common Access Platform (JCAP)</i></b>				
Joint Common Access Platform (JCAP)	1	2024	4	2028
<b><i>Other Cyber Operations Infrastructure</i></b>				
Other Cyber Operations Infrastructure	1	2024	4	2028

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85R1 / <i>Other Robust Infrastructure</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
CY85R1: <i>Other Robust Infrastructure</i>	-	0.000	-	59.167	-	59.167	20.411	19.541	17.529	17.881	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Robust Infrastructure portfolio provides select resources in support of Defensive Cyberspace Operations, such as the managed unclassified infrastructure that provides virtual tenant spaces for CNMF Hunt Forward Operations missions.

Robust Infrastructure also includes Cyberspace Rapid Response Platform (CRRP) resources critical for USCYBERCOM's CNMF to successfully implement new and extended capabilities, services, tradecraft/tactics, and partnerships optimized to accelerate and expand opportunities to counter adversary aggression, especially where arising under no-notice and other emergent / crisis scenarios. CRRP resources are foundational for the success of the CNMF's new Joint Task Force ZERO, which is charged with rapid access generation, innovation, and transfer of actionable cyber insights and methods across the CNMF as a whole, to other USCYBERCOM elements, and to designated partners.

The CENTURION effort involves developing and advancing the state of the art in non-kinetic capabilities, delivered to operators with the appropriate authorities for effect to meet designated USCYBERCOM and DoD missions.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Other Robust Infrastructure	0.000	-	59.167
<b>Description:</b> The Robust Infrastructure portfolio provides select resources in support of Defensive Cyberspace Operations, such as the managed unclassified infrastructure that provides virtual tenant spaces for CNMF Hunt Forward Operations missions. Through November 2023, the CNMF conducted 22 HFO deployments to support foreign allies/partners over 2023 -- hunting abroad to find common adversaries, helping partners defend their sensitive networks, and enhancing strategic relationships.			
Robust Infrastructure also includes Cyberspace Rapid Response Platform (CRRP) resources critical for USCYBERCOM's Cyber National Mission Force to successfully implement new and extended capabilities, services, tradecraft/tactics, and partnerships optimized to accelerate and expand opportunities to counter adversary aggression, especially when arising under no-notice and other emergent / crisis scenarios. CRRP resources are foundational for the success of the CNMF's new Joint Task Force ZERO, which is charged with rapid access generation, innovation, and transfer of actionable cyber insights and methods across the CNMF as a whole, to other USCYBERCOM elements, and to designated partners.			
The CENTURION effort involves developing and advancing the state of the art in non-kinetic capabilities, delivered to operators with the appropriate authorities for effect to meet designated USCYBERCOM and DoD missions.			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85R1 / <i>Other Robust Infrastructure</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p><b><i>FY 2025 Plans:</i></b> Funding in FY 2025 for Robust Infrastructure supports increasing maturity in acquiring, deploying, and improving technical infrastructure, expert contract services, and low-equity cyber tooling to meet the specific rapid access generation and tradecraft innovation/transfer needs of CNMF's Joint Task Force ZERO.</p> <p>FY 2025 funding for CENTURION will allow the effort to continue to execute the development pipeline of capabilities, further identifying appropriate mechanisms to support USCYBERCOM and DoD goals and mission imperatives. CENTURION will also deliver additional non-kinetic capabilities/ applications in accordance with identified opportunities and mission goals and expand applicability of strategy and tools to support additional AORs as needed and directed. Other key efforts include developing a roadmap to integrate RF enabled capabilities on partner platforms that enable full-spectrum cyber operations with initial demonstrated capability by the fourth quarter of FY 2025.</p> <p>Other Cyber Operations Infrastructure details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.</p> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> FY 2024 funding was 80.730 in BA04 project CY05.</p> <p>The FY 2024 to FY 2025 reduction comes from a shift of CRRP efforts from development to O&amp;M. FY 2024 CRRP includes a high amount of infrastructure and tools investment, which will have ongoing expenses but no major refresh in FY 2025.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	-	59.167

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

N/A

**Remarks**

**D. Acquisition Strategy**

Acquisition for CNMF and Defense Cyberspace Operations infrastructure encompasses a diverse spectrum of sources to contribute technical solutions, services, and tools, as well as hardware/software products needed for classified test and integration at CNMF locations. These sources include established cleared defense contractors, small businesses, minority/disadvantaged businesses, partner agencies, and less traditional providers.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>	<b>Project (Number/Name)</b>
0400 / 7	PE 0208085JCY / <i>Robust Infrastructure</i>	CY85R1 / <i>Other Robust Infrastructure</i>

CENTURION's acquisition strategy primarily leverages multiple existing contracts, but also includes a few new contract awards to include a first quarter FY 2024 award for engineering expertise. Contracts will support multiple, short term efforts to rapidly develop operational prototypes. Further details are held at a higher classification level.





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**Exhibit R-4, RDT&E Schedule Profile:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85R1 / <i>Other Robust Infrastructure</i>
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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>Other Cyber Operations Infrastructure</i></b>	
Other Cyber Operations Infrastructure	[REDACTED]

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208085JCY / <i>Robust Infrastructure</i>	<b>Project (Number/Name)</b> CY85R1 / <i>Other Robust Infrastructure</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Other Cyber Operations Infrastructure</i></b>				
Other Cyber Operations Infrastructure	4	2024	3	2026

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY I <i>Cyber Command and Control (C2)</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	0.000	95.733	96.932	-	96.932	98.358	99.893	100.772	102.788	Continuing	Continuing
CY97C1: <i>Cyber Command and Control (C2)</i>	0.000	0.000	-	96.932	-	96.932	98.358	99.893	100.772	102.788	Continuing	Continuing
CY02: <i>Cyber Command and Control</i>	-	0.000	95.733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

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

Cyber Command and Control (C2) provides Combatant Commanders, Joint Force Commanders and Service Component Commanders with enhanced Situational Awareness and Battle Management for cyberspace operations missions and forces. C2 establishes congressionally directed focal point to provide integrated C2 solutions to all echelons for execution of cyberspace operations to enable and accelerate planning/collaboration between Cyber Mission Forces (CMF) and Combatant Commands (CCMD).

This program integrates Cyber Command and Control (C2) with joint, coalition and inter-agency C2 to enhance multi-domain operations, reduce planning time, improve decision quality and speed resulting in a shorter kill chain. Capabilities are developed to address the CMF used to conduct cyberspace operations. Additionally, it leverages and utilizes a Continuous Infrastructure/Continuous Development (CI/CD) Framework to pace development with warfighter need. C2 development activities include, but are not limited to: rapid prototyping, development of software systems; integration and transition of lab developed cyber capabilities to the warfighter; testing and evaluation; program management, studies, analysis, pilots, and demonstrations; risk reduction for emerging technologies; and development and assessment of operational systems for inclusion into C2 to meet capability requirements.

This program is in Budget Activity 7, Operational System Development, as it 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.

<b>B. Program Change Summary (\$ in Millions)</b>	<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	95.733	96.932	-	96.932
Current President's Budget	0.000	95.733	96.932	-	96.932
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>				<b>Project (Number/Name)</b> CY97C1 / <i>Cyber Command and Control (C2)</i>			
<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>
CY97C1: <i>Cyber Command and Control (C2)</i>	0.000	0.000	-	96.932	-	96.932	98.358	99.893	100.772	102.788	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Cyber Command and Control (C2) provides Combatant Commanders, Joint Force Commanders and Service Component Commanders with enhanced Situational Awareness and Battle Management for cyberspace operations missions and forces. C2 establishes congressionally directed focal point to provide integrated C2 solutions to all echelons for execution of cyberspace operations to enable and accelerate planning/collaboration between Cyber Mission Forces (CMF) and Combatant Commands (CCMD).

This program integrates Cyber Command and Control (C2) with joint, coalition and inter-agency C2 to enhance multi-domain operations, reduce planning time, improve decision quality and speed resulting in a shorter kill chain. Capabilities are developed to address the CMF used to conduct cyberspace operations. Additionally, it leverages and utilizes a Continuous Infrastructure/Continuous Development (CI/CD) Framework to pace development with warfighter need. C2 development activities include, but are not limited to: rapid prototyping, development of software systems; integration and transition of lab developed cyber capabilities to the warfighter; testing and evaluation; program management, studies, analysis, pilots, and demonstrations; risk reduction for emerging technologies; and development and assessment of operational systems for inclusion into C2 to meet capability requirements.

This program is in Budget Activity 7, Operational System Development as it 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.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Cyber Command and Control (C2)	-	0.000	96.932
<b>Description:</b> Program activities occur at multiple operating locations, to support development and evaluation activities, and JCC2 baseline efforts to provide capabilities. Actions include system and software engineering, risk management, developmental framework management, and the execution of acquisition activities.			
Accomplishments and planned programs include the following: Management services; develop application program interfaces for development and integration of data sources; develop a framework for expedient and flexible requirements gathering, processing, and capability delivery; migrate capabilities to cloud service to streamline scaling and support faster delivery, to include migration to the JCC2 Amazon Web Service (AWS) managed environment; enhance automation for mapping/monitoring of mission relevant terrain at all domains; integrate Situational Awareness and Battle Management capabilities in support of the Joint Cyber			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>	<b>Project (Number/Name)</b> CY97C1 / <i>Cyber Command and Control (C2)</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>Warfighting Architecture (JCWA) requirements construct and scale and deliver capability through an agile development model, delivering operational capabilities as determined by governance process.</p> <p><b>FY 2024 Plans:</b> FY 2024 funding supports development of Mission Relevant Terrain in Cyberspace (MRT-C) enhanced visualization and real-time data flows to the JCC2 Threat Awareness application suite; creating, delivering, and integrating the Cyber Force Readiness presentation capability; developing/improving tools to increase shared situational/battle space awareness, cyberspace operations planning and cyberspace sensing capabilities based on real world use during offensive/defensive cyberspace operations; and developing a capability to use a common framework for cyber risk assessments, to include development of a common data schema. Funding also includes executing a support contract for Help Desk and IT Services.</p> <p><b>FY 2025 Plans:</b> FY 2025 funding supports the following activities: Continue to develop application program interfaces for development and integration of data sources; develop a framework for expedient and flexible requirements gathering, processing, and capability delivery to address emerging USCYBERCOM requirements. Continue to enhance automation for mapping/monitoring of MRT-C across all domains; integrate Situational Awareness and Battle Management capabilities in support of the JCWA requirements construct, and scale and deliver capability through an agile development model. Consolidate Cyber Ops and Readiness applications into one tool to support operator ease of use and optimal data sharing for effective cyber mission planning. Improve data sharing capabilities across the Cyber C2 portfolio in support of cyber tasking operational requirements. Enhance Cyber C2 initial training and field support capabilities to address increased application usage across the cyber mission forces.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was \$95.733 in Project CY02</p> <p>In FY 2025, planned increase from prior fiscal year is due to increase in inflation over FYDP.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	96.932

<b>C. Other Program Funding Summary (\$ in Millions)</b>
N/A
<b>Remarks</b>

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>	<b>Project (Number/Name)</b> CY97C1 / <i>Cyber Command and Control (C2)</i>

**D. Acquisition Strategy**

C2 is in the Software Acquisition Execution Phase which enables continuous integration and delivery of previously developed software capabilities at the speed of relevance. C2 applies agile acquisition tenants to the programmatic, design/engineering, test, and delivery aspects to provide an ability to rapidly deliver Situational Awareness/C2 capabilities to the warfighter. C2 is transitioning from a collection of distinct, special-purpose tools to an integrated joint C2 capability to reduce overall lifecycle costs, improve interoperability, and increase information sharing across the CCMDs.

As part of a streamlined approach the C2 program office is utilizing new and existing contract vehicles as well as concept, development, risk management, production, and deployment plans as part of a streamlined approach. The C2 program office has established a continuous integration/continuous development (CI/CD) pipeline to facilitate the rapid development, integration, and fielding of capabilities to remain responsive to evolving warfighter requirements. The C2 program will execute the agile development requirements provided by USCYBERCOM, Army, Navy, Marine Corps, and Air Force stakeholders IAW the prioritization provided by the multi-Service C2 governance structure.



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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command												Date: March 2024			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
0400 / 7				PE 0208097JCY / Cyber Command and Control (C2)				CY97C1 / Cyber Command and Control (C2)							
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
CI/CD Infrastructure	Various	Multiple : Multiple	-	-		-		2.485	Dec 2024	-		2.485	Continuing	Continuing	-
Agile Capability Development	Various	Multiple : Multiple	-	-		-		65.556	Dec 2024	-		65.556	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		68.041		-		68.041	Continuing	Continuing	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
Direct Cite Authority Civilian Pay	TBD	Multiple : Various	-	-		-		11.232	Oct 2024	-		11.232	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		11.232		-		11.232	Continuing	Continuing	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
Test and Evaluation	C/CPAF	Multiple : Multiple	-	-		-		2.225	Oct 2024	-		2.225	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		2.225		-		2.225	Continuing	Continuing	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
Acquisition Support	Various	Multiple : Multiple	-	-		-		15.434	Nov 2024	-		15.434	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		15.434		-		15.434	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		-		96.932		-		96.932	Continuing	Continuing	N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2025 United States Cyber Command							<b>Date:</b> March 2024			
<b>Appropriation/Budget Activity</b> 0400 / 7			<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)			<b>Project (Number/Name)</b> CY97C1 / Cyber Command and Control (C2)				
	<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>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2025 United States Cyber Command</b>															<b>Date:</b> March 2024				
<b>Appropriation/Budget Activity</b> 0400 / 7										<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)					<b>Project (Number/Name)</b> CY97C1 / Cyber Command and Control (C2)				

	FY24				FY25				FY26				FY27				FY28			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
MT Development Cycle	Inc 10 Capability Drop	Inc 11 Capability Drop	Inc 12 Capability Drop	Inc 13 Capability Drop																
	PI 11	PI 12	PI 13	PI 14																
Contract Efforts		Next Gen RFP Release			Next Gen Award															
Operational Capability				JCO Tipper	MADSS/CAD Ingest															
				CAD on BDP																

**Legend**

New Event	Event Completed Early	Event On Track/Completed On Time	Event At Risk of Not Meeting Baseline	Event will Complete/Completed Late	Event Slip	Previous Event Slip	Decision Event Complete
							

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>	<b>Project (Number/Name)</b> CY97C1 / <i>Cyber Command and Control (C2)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Joint Cyber Command and Control</i></b>				
Continuous Integration and Continuous Delivery Infrastructure	1	2025	4	2028
Agile Capability Development	1	2025	4	2028

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)				<b>Project (Number/Name)</b> CY02 / Cyber Command and Control			
<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>
CY02: Cyber Command and Control	-	0.000	95.733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Cyber Command and Control (C2) provides Combatant Commanders, Joint Force Commanders and Service Component Commanders with enhanced situational awareness and battle management for cyberspace operations missions and forces. C2 establishes congressionally directed focal point to provide integrated C2 solutions to all echelons for execution of cyberspace operations to enable and accelerate planning/collaboration between Cyber Mission Forces (CMF) and Combatant Commands (CCMD).

This program will integrate Cyber Command and Control (C2) with Joint, Coalition and inter-agency C2 to enhance multi-domain operations, reduce planning time, improve decision quality and speed resulting in a shorter kill chain. Capabilities will be developed to address the CMF used to conduct cyberspace operations. Additionally, it will leverage and utilize a Continuous Infrastructure/Continuous Development (CI/CD) Framework to pace development with warfighter need. C2 development activities include, but are not limited to: rapid prototyping, development of software/hardware systems; integration and transition of lab developed cyber capabilities to the warfighter; testing and evaluation; program management, studies, analysis, pilots, and demonstrations; risk reduction for emerging technologies; and development and assessment of operational systems for inclusion into C2 to meet capability requirements.

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.

This program element includes civilian pay expenses required to manage, execute, and deliver existing or emergent support weapon system capability in accordance with USCC MOA with US Air Force.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Cyber Command and Control (C2)	0.000	95.733	-
<b>Description:</b> Program activities occur at multiple operating locations, to support development and evaluation activities, and Joint Cyber C2 (JCC2) baseline efforts to provide capabilities. Actions include system and software engineering, risk management, developmental framework management, and the execution of acquisition activities.			
<b>FY 2024 Plans:</b> Program activities develop Mission Relevant Terrain in Cyberspace, to include real-time data flows to the JCC2 Threat Awareness application suite; create, deliver, and integrate the Force Readiness/Presentation capability; develop/improve tools to increase			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)	<b>Project (Number/Name)</b> CY02 / Cyber Command and Control
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
<p>shared situational/battle space awareness, cyber ops planning and cyber sensing capabilities based on real-world use during offensive/defensive cyberspace operations and develop a capability to use a common framework for cyber risk assessments, to include development of a common data schema; execute support contract for Help Desk and IT Service Management services; develop application program interfaces for development and integration of data sources; develop a framework for expedient and flexible requirements gathering, processing, and capability delivery; migrate capabilities to cloud service to streamline scaling and support faster delivery, to include migration to the JCC2 Amazon Web Service (AWS) managed environment; enhance automation for mapping/monitoring of mission relevant terrain at all domains; integrate Situational Awareness and Battle Management capabilities in support of the Joint Cyber Warfighting Architecture (JCWA) requirements construct and scale and deliver capability through an agile development model, delivering operational capabilities as determined by governance process.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond USCYBERCOM realigned project code CY02 to CY97C1 Cyber Command and Control (C2) to more clearly align projects.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	95.733	-

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

N/A

**Remarks**

USCYBERCOM realigned the Project Code CY02: Cyber Command and Control (C2) to CY97C1: Cyber Command and Control (C2).

**D. Acquisition Strategy**

C2 is in the Software Acquisition Execution Phase which enables continuous integration and delivery of software capability at the speed of relevance. C2 will apply agile acquisition tenants to the programmatic, design/engineering, test, and delivery aspects to provide an ability to rapidly deliver Situational Awareness/C2 capabilities to the warfighter. C2 is transitioning from a collection of distinct, special-purpose tools to an integrated joint C2 capability to reduce overall lifecycle costs, improve interoperability, and increase information sharing across the CCMDs.

As part of a streamlined approach the C2 program office is utilizing new and existing contract vehicles as well as concept, development, risk management, production, and deployment plans as part of a streamlined approach. The C2 program office has established a continuous integration/continuous development (CI/CD) pipeline to facilitate the rapid development, integration, and fielding of capabilities to remain responsive to evolving warfighter requirements. The C2 program will execute the agile development requirements provided by USCYBERCOM, Army, Navy, Marine Corps, and Air Force stakeholders in accordance with the prioritization provided by the multi-Service C2 governance structure.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)	<b>Project (Number/Name)</b> CY02 / Cyber Command and Control
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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			
CI/CD Infrastructure	C/Various	Various : Various	-	-		4.800	Feb 2024	-		-		-	Continuing	Continuing	-
Agile Capability Development	C/Various	Various : Various	-	-		51.941	Feb 2024	-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		56.741		-		-		-	Continuing	Continuing	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 Authority Civilian Pay	C/Various	Various : Various	-	-		7.200	Oct 2023	-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		7.200		-		-		-	Continuing	Continuing	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			
Test and Evaluation	C/Various	Multiple : Multiple	-	-		2.200	Oct 2023	-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		2.200		-		-		-	Continuing	Continuing	N/A

<b>Management Services (\$ 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			
Acquisition Support	C/Various	Multiple : Multiple	-	-		29.592	Oct 2023	-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		29.592		-		-		-	Continuing	Continuing	N/A

			Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			-	-	95.733	-	-	-	Continuing	Continuing	N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2025 United States Cyber Command							<b>Date:</b> March 2024			
<b>Appropriation/Budget Activity</b> 0400 / 7			<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / Cyber Command and Control (C2)			<b>Project (Number/Name)</b> CY02 / Cyber Command and Control				
	<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>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	

Remarks



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>	<b>Project (Number/Name)</b> CY02 / <i>Cyber Command and Control</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

<b><i>Joint Cyber Command and Control</i></b>	
Continuous Integration and Continuous Delivery Infrastructure	██████████
Agile Capability development	██████████

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208097JCY / <i>Cyber Command and Control (C2)</i>	<b>Project (Number/Name)</b> CY02 / <i>Cyber Command and Control</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Joint Cyber Command and Control</i></b>				
Continuous Integration and Continuous Delivery Infrastructure	1	2024	4	2024
Agile Capability development	1	2024	4	2024

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**Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY I <i>Cloud &amp; Unified Platform</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	0.000	138.558	106.053	0.000	106.053	103.109	105.800	107.215	109.358	Continuing	Continuing
CY99U1: <i>Unified Platform</i>	0.000	0.000	0.000	98.342	0.000	98.342	94.132	96.799	98.208	100.171	Continuing	Continuing
CY99C1: <i>Cross Domain Solution (CDS)</i>	-	0.000	0.000	7.711	0.000	7.711	8.977	9.001	9.007	9.187	Continuing	Continuing
CY03: <i>Unified Platform</i>	-	0.000	136.471	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
CY11: <i>Data Management</i>	-	0.000	2.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

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

Unified Platform provides U.S. Cyber Command (USCYBERCOM) Operational Forces a Joint cyber operations infrastructure enabling full-spectrum cyberspace operations at the operational through tactical levels of warfare as part of USCYBERCOM's Joint Cyber Warfighting Architecture (JCWA). That infrastructure is a set of foundational capabilities that enable synchronization, integration, and interoperability for JCWA components. Specifically, Unified Platform delivers a tightly integrated suite of capabilities spanning common/core Information Technology (IT) infrastructure, data platform and associated standards, and common services to enable seamlessly integrated, adaptable, and evolving warfighting capabilities comprised of multiple JCWA components.

- Common/core IT infrastructure includes compute and storage resources, data/message transport, and software development environment that enable rapid development and integration of applications, analytics, visualizations, and capabilities at speed and scale.
- The data platform and associated standards is the integrated set of technologies, standards, and processes to ingest, store, share, enrich, manage, and analyze authoritative data sources in support of offensive and defense operations with intelligence and mission partners (to include private sector).
- Common Services include capabilities such as identity management, common access, collaboration, modeling and communication capabilities that support integration, interoperability, and inter-program synchronization.

USCYBERCOM requires an interconnected and interoperable infrastructure and set of data-centric capabilities to conduct integrated planning and execution of operations to achieve Combatant Commander prioritized outcomes in cyberspace. USCYBERCOM Operational Forces require the ability to conduct multiple, coordinated, integrated, joint cyberspace operations world-wide. The integrated suite of JCWA capabilities must enable operational forces to make timely decisions, take decisive action, and continually adapt to achieve overmatch against evolving, sophisticated, and motivated adversaries at speed and scale.

Unified Platform will achieve its mission objectives through creation of a single, unifying cloud-based infrastructure for JCWA operational users and stakeholders that enables integration of cyber capabilities, systems, data storage and analytics in support of full-spectrum cyberspace operations. Foundational Efforts provide for the research, development, prototype maturation, integration, enhancement, delivery, and enduring product support of the Unified Platform capability to ensure responsiveness to warfighter requirements within operationally relevant timeframes. Foundational Efforts provide a flexible, yet disciplined, agile development/security/

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY I <i>Cloud &amp; Unified Platform</i>
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operations (DevSecOps) platform to generate new capabilities, integrate existing and emerging technologies, incorporate rapid prototyping efforts, and evolve the Unified Platform baseline to meet evolving operational priorities.

Cross Domain Solution will deliver development and subject matter expertise to enable a scalable cross domain solution for JCWA based on industry best practices and requirements specified within National Cross Domain Strategy and Management Office (NCDSMO) RTB Strategy's Baseline, and National Security Memorandum (NSM)-8 "Improving the Cybersecurity of National Security, Department of Defense, and Intelligence Community Systems."

<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	0.000	138.558	113.884	0.000	113.884
Current President's Budget	0.000	138.558	106.053	0.000	106.053
Total Adjustments	0.000	0.000	-7.831	0.000	-7.831
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Appropriation Realignment	-	-	-7.831	-	-7.831

**Change Summary Explanation**

For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208099JCY / Cloud & Unified Platform				Project (Number/Name) CY99U1 / Unified Platform			
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
CY99U1: <i>Unified Platform</i>	0.000	0.000	0.000	98.342	0.000	98.342	94.132	96.799	98.208	100.171	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Unified Platform provides U.S. Cyber Command (USCYBERCOM) Operational Forces a Joint cyber operations infrastructure enabling full-spectrum cyberspace operations at the operational through tactical levels of warfare as part of USCYBERCOM’s Joint Cyber Warfighting Architecture (JCWA). That infrastructure is a set of foundational capabilities that enable synchronization, integration, and interoperability for JCWA components. Specifically, Unified Platform delivers a tightly integrated suite of capabilities spanning common/core Information Technology (IT) infrastructure, data platform and associated standards, and common services to enable seamlessly integrated, adaptable, and evolving warfighting capabilities comprised of multiple JCWA components.

- Common/core IT infrastructure includes compute and storage resources, data/message transport, and software development environment that enable rapid development and integration of applications, analytics, visualizations, and capabilities at speed and scale.

- The data platform and associated standards are the integrated set of technologies, standards, and processes to ingest, store, share, enrich, manage, and analyze authoritative data sources in support of offensive and defense operations with intelligence and mission partners (to include private sector).

- Common Services include capabilities such as identity management, common access, collaboration, modeling and communication capabilities that support integration, interoperability, and inter-program synchronization.

USCYBERCOM requires an interconnected and interoperable infrastructure and set of data-centric capabilities to conduct integrated planning and execution of operations to achieve Combatant Commander prioritized outcomes in cyberspace. USCYBERCOM Operational Forces require the ability to conduct multiple, coordinated, integrated, joint cyberspace operations world-wide. The integrated suite of JCWA capabilities must enable operational forces to make timely decisions, take decisive action, and continually adapt to achieve overmatch against evolving, sophisticated, and motivated adversaries at speed and scale.

Unified Platform will achieve its mission objectives through creation of a single, unifying cloud-based infrastructure for JCWA operational users and stakeholders that enables integration of cyber capabilities, systems, data storage and analytics in support of full-spectrum cyberspace operations. Foundational Efforts provide for the research, development, prototype maturation, integration, enhancement, delivery, and enduring product support of the Unified Platform capability to ensure responsiveness to warfighter requirements within operationally relevant timeframes. Foundational Efforts provide a flexible, yet disciplined, agile development/security/operations (DevSecOps) platform to generate new capabilities, integrate existing and emerging technologies, incorporate rapid prototyping efforts, and evolve the Unified Platform baseline to meet evolving operational priorities.

This program element includes non-USCYBERCOM civilian pay expenses required to manage, execute, and deliver existing or emergent support weapon system capability.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99U1 / <i>Unified Platform</i>
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Cross Domain Solution will deliver development and subject matter expertise to enable a scalable Cross Domain Solution for JCWA based on industry best practices and requirements specified within National Cross Domain Strategy and Management Office (NCDSMO) RTB Strategy's Baseline, and NSM-8 "Improving the Cybersecurity of National Security, Department of Defense, and Intelligence Community Systems."

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

	FY 2023	FY 2024	FY 2025
<p><b>Title:</b> Cloud and Unified Platform (UP)</p> <p><b>Description:</b> Unified Platform develops and delivers a single, unifying cloud-based infrastructure for Joint Cyber Warfighting Architecture (JCWA) operational users and stakeholders that enables integration of cyber capabilities, systems, infrastructure, data storage and analytics in support of full-spectrum cyberspace operations. Foundational Efforts provide for the research, development, prototype maturation, integration, enhancement, delivery, and enduring product support of the Unified Platform capability to ensure responsiveness to warfighter requirements within operationally relevant timeframes. Foundational Efforts provide a flexible, yet disciplined, agile development/security/operations (DevSecOps) platform to generate new capabilities, integrate existing and emerging technologies, incorporate rapid prototyping efforts, and evolve the Unified Platform baseline to meet evolving operational priorities.</p> <p><b>FY 2025 Plans:</b></p> <ul style="list-style-type: none"> <li>• Continue enhancements to ensure effectiveness of operational/prototype UP capabilities, to include: Big Data Platform (BDP), Data Management tools, Data Parsers, Data Schemas, JCWA DevSecOps Platform, Data Fabric, Data Catalog, API Gateway, UP SOC</li> <li>• Develop and deploy updated Big Data Platform Software to realize enhanced system reliability and observability in support of situational awareness and operational readiness</li> <li>• Fund Civilian pay required for the management, execution, and delivery of weapon system capability funds.</li> <li>• Deploy the data science/engineering tools and core IT infrastructure for development of advanced analytics (e.g., Artificial Intelligence) in alignment with USCYBERCOM Artificial Intelligence roadmap</li> <li>• Continue modernization, integration, and transition of core Unclassified capabilities supporting USCYBERCOM's JCWA roadmap to achieve a common and comprehensive big data architecture in support of full-spectrum cyber operations. Primary efforts are Data Fabric, Data Catalog, and API Gateway components of the data-centric Unified Platform.</li> <li>• Develop Secret and Unclassified ICAM capabilities for JCWA enterprise to provide a common identity management system, a strong set of authentication processes, and an attribute-based access control solution that complies with U.S. government policy and is consistent with the DoD Zero Trust Strategy</li> </ul>	-	-	98.342

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99U1 / <i>Unified Platform</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<ul style="list-style-type: none"> <li>• Develop Automated Security Validation capabilities at the tactical edge</li> <li>• Develop capabilities supporting enhancements for system instrumentation, backup, recovery, and contingency operations</li> <li>• Develop capabilities for continuous and automated analysis of data integrity, quality, and provenance</li> </ul> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> FY 2024 funding was 124.700 in project CY03.</p> <p>The net decrease of 26 for Unified Platform is due to identified requirements transiting to sustainment, thus reducing RDT&amp;E and increasing O&amp;M.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities .</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	98.342

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

N/A

**Remarks**

**D. Acquisition Strategy**

Unified Platform (UP) is a capacity-based program office executing Government-led agile software development within the DoD Software Acquisition Pathway framework. All of the development efforts are “custom” built in-house within the UP software development environment. The Unified Platform acquisition strategy provides flexibility to integrate existing commercial technologies, customized commercial technologies, open-source software, and government-built technology to best meet operational requirements. Unified Platform leverages a diverse and evolving vendor base of small, medium, and large businesses to maximize the Government’s ability to align industry experts with evolving operational requirements. Additionally, Unified Platform partners with other program offices and Service Cyber Component technology developers to integrate best of breed solutions.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / Cloud & Unified Platform	<b>Project (Number/Name)</b> CY99U1 / Unified Platform
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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			
UP System Technical Coordination Follow On	C/TBD	TBD : San Antonio, TX	-	-		0.000		12.899	Oct 2023	-		12.899	Continuing	Continuing	-
UP Cloud Compute and Store	TBD	TBD : San Antonio, TX	-	-		0.000		0.000		-		0.000	Continuing	Continuing	-
UP Agile Capability Development	TBD	Multiple : Various	-	-		0.000		32.409		-		32.409	Continuing	Continuing	-
Distributed Common Computing Environment	TBD	Multiple : Various	-	-		0.000		19.615	Apr 2025	-		19.615	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		64.923		-		64.923	Continuing	Continuing	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			
Civilian Pay	TBD	Multiple : Various	-	-		-		10.968	Oct 2024	-		10.968	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		10.968		-		10.968	Continuing	Continuing	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			
UP Test and Evaluation	TBD	TBD : TBD	-	-		-		2.842	May 2025	-		2.842	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		2.842		-		2.842	Continuing	Continuing	N/A

<b>Management Services (\$ 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			
Systems Engineering	Various	Various : TBD	-	-		-		5.906	Dec 2024	-		5.906	Continuing	Continuing	-
Acquisition Support	Various	Various : TBD	-	-		-		7.489	Apr 2023	-		7.489	Continuing	Continuing	-





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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / Cloud & Unified Platform	<b>Project (Number/Name)</b> CY99U1 / Unified Platform
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<i>Unified Platform Schedule</i>	FY24				FY25				FY26				FY27				FY28			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Agile Capability Development	▲ PI-20 ▲		▲ PI-21 ▲		▲ PI-22 ▲		▲ PI-23 ▲		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Key Operational Deliveries		◆ DevSecOps Platform (Top Secret) ◆ C9L Enhancements	◆ JCWA ICAM MVP (Top Secret)		◆ BDP 6.0	◆ JCWA ICAM MVP (Secret)														
Significant Contract Milestones	◆◆◆◆◆	◆ Data Management Awards (x5) ◆ System Coordination Award (follow-on)																		

**Acronyms**  
 BDP – Big Data Platform  
 C9L – Cyber 9-line  
 DevSecOps – Development, Security, and Operations  
 ICAM – Identity, Credential, and Access Management  
 JCWA – Joint Cyber Warfighting Architecture  
 MVP – Minimum Viable Product  
 PI – Program Increment

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99U1 / <i>Unified Platform</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Unified Platform</i></b>				
Agile Capability Development	1	2024	4	2028
Distributed Common Computing Environment	1	2024	4	2028
System Technical Coordination	1	2024	2	2024

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>				<b>Project (Number/Name)</b> CY99C1 / <i>Cross Domain Solution (CDS)</i>			
<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>
CY99C1: <i>Cross Domain Solution (CDS)</i>	-	0.000	0.000	7.711	0.000	7.711	8.977	9.001	9.007	9.187	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Cross Domain Solution will deliver development and subject matter expertise to enable a scalable Cross Domain Solution for JCWA based on industry best practices and requirements specified within National Cross Domain Strategy and Management Office (NCDSMO) RTB Strategy's Baseline, and NSM-8 "Improving the Cybersecurity of National Security, Department of Defense, and Intelligence Community Systems."

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Cross Domain Solution (CDS)	0.000	-	7.711
<b>Description:</b> The CDS effort provides critical cross domain solutions for the JCWA. This effort enables staff redundancy, scalability for additional geographic locations, support for auxiliary and support functions, increased security support, and the ability to address unanticipated requirements, to include but not limited to design, engineering, integration, sustainment and documentation. As a result, USCYBERCOM shall be postured to manage the cross-domain data flow requirements as necessary to support JCWA integration efforts by enable the secure transport of data across multiple network classifications in a secure and compliant manner.			
<b>FY 2025 Plans:</b>			
<ul style="list-style-type: none"> <li>• Scale prototype to full operational capability to enable new mission capabilities, upgrade the system from medium to high availability.</li> <li>• Initiate secondary deployment to separate geographic region for continuity of operations and load balancing.</li> <li>• Continue enhancements to ensure effectiveness of operational/prototype UP capabilities, to include: Big Data Platform (BDP), Data Management tools, Data Parsers, Data Schemas, JCWA DevSecOps Platform, Data Fabric, Data Catalog, API Gateway, and UP SOC.</li> </ul>			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b>			
In FY 2024, funding was 7.307 in project CY03 and was realigned to project CY99C1 in FY 2025 and beyond.			
Cross Domain Solution increases by .404 due to contractual rate adjustments, as well as increases in compute/store costs for processing data through the CDS.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	-	7.711

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Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Cyber Command Date: March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99C1 / <i>Cross Domain Solution (CDS)</i>
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**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

WINTERSHADOW is a services contracting program to execute development and sustainment services to deliver a scalable Cross Domain Solution (CDS) for USCYBERCOM based on industry best practices and requirements specified within National Cross Domain Strategy and Management Office (NCDSMO) Raise-the-bar Strategy's Baseline. Through the use of commercial and GOTS software, this effort prototypes and deliver an accredited mission-focused bi-directional cross domain solution that is cloud agnostic, built on an open platform, and leverage a modular architecture to provide speed to mission, faster upgrades, and scalability for complex data flow requirements.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99C1 / <i>Cross Domain Solution (CDS)</i>
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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			
Cross Domain Solution	C/Various	Various : Various	-	-		-		7.711		-		7.711	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		7.711		-		7.711	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		-		7.711		-		7.711	Continuing	Continuing	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99C1 / <i>Cross Domain Solution (CDS)</i>
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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>Cross Domain Solution (CDS)</i></b>	
Cross Domain Solution (CDS)	[REDACTED]

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY99C1 / <i>Cross Domain Solution (CDS)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cross Domain Solution (CDS)</i></b>				
Cross Domain Solution (CDS)	4	2025	3	2026



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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208099JCY / Cloud & Unified Platform				Project (Number/Name) CY03 / Unified Platform			
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
CY03: <i>Unified Platform</i>	-	0.000	136.471	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Unified Platform (UP) provides U.S. Cyber Command (USCYBERCOM) the Cyber Mission Forces and Service cyber components a Joint cyber operations infrastructure enabling full spectrum cyberspace operations at the operational through tactical levels of warfare as part of USCYBERCOM's Joint Cyber Warfighting Architecture (JCWA). USCYBERCOM requires an interconnected and interoperable cyber infrastructure to conduct integrated planning and execution of cyberspace operations to meet Combatant Commanders' requirements. UP delivers this capability through the integration of disparate firing platforms, existing or evolving systems, infrastructure, mission capabilities, data analytics, and programs used for military cyberspace operations to build on interoperable and scalable network for cyber capabilities. UP allows the DoD to achieve and maintain decision and operational superiority which is key to success within the dynamic cyberspace domain.

UP Foundational Efforts provide for the research, development, prototype maturation, integration, enhancement, delivery, and enduring product support of the UP capability to ensure responsiveness to warfighter requirements within operationally relevant timeframes. With the government as the lead integrator, UP Foundational Efforts provide a flexible, yet disciplined, agile development/security/operations (DevSecOps) capability to generate new capabilities, integrate existing and emerging technologies, incorporate rapid prototyping efforts, and evolve the UP baseline on an iterative basis. UP Foundational efforts include both the management of the DevSecOps capabilities which includes systems engineering, risk management, contracting, test, and program management, as well as the active research and capability development to be conducted for the UP baseline.

UP directly supports the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), USCYBERCOM operational directives, the latest MAJCOM Offensive Cyberspace Operations System Flight Plan, and other formal requirements documents Commercial Cloud services are procured to support research and development and to store operational data to support the full spectrum of USCYBERCOM cyberspace operations.

This program element includes non-USCYBERCOM civilian pay expenses required to manage, execute, and deliver existing or emergent support weapon system capability in accordance with a USCYBERCOM Memorandum Of Agreement (MOA) with US Air Force.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Unified Platform (UP)	0.000	136.471	-
<b>Description:</b> Develop, integrate, and deliver the UP capability through the rapid and agile development of requirements via a DevSecOps pipeline. UP requirements are warfighter-derived under the framework of validated UP requirement documents and met using agile development teams, integration of USCYBERCOM and the Service capabilities, or external prototyping activities. UP capabilities are developed within the government-led UP Continuous Integration/Continuous Deployment DevSecOps pipeline, leveraging a common pipeline baseline maintained by Platform One. This pipeline provides a common system development, integration, and staging environment to permit collaborative development. Developmental efforts will be			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY03 / <i>Unified Platform</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
continuously verified for security compliance and continually tested to ensure development meets established security and performance criteria.			
<b><i>FY 2024 Plans:</i></b> UP integrates forward deployed operations with enterprise data and analytics; extend integration and interoperability with multinational and joint-service partners; extend DevSecOps platform to enable CI/CD of classified capabilities for UP and other JCWA programs; develop JCWA enterprise Network Operations Center (NOC) and Security Operations Center (SOC) capabilities; develop new capabilities, modernize infrastructure, and execute prototyping activities for CMF and implement Zero Trust security architecture for JCWA enterprise			
<b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> For FY 2025 and beyond, USCYBERCOM realigned funding from project code CY03 to CY99U1: Unified Platform to more clearly align projects and budget activities.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	136.471	-

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

N/A

**Remarks**

**D. Acquisition Strategy**

UP represents a flexible, interoperable, and scalable warfighter capability to be employed by USCYBERCOM, the Army, Navy, Marine Corps, and Air Force. In order to match the speed of need of the dynamic cyberspace domain, the Service-agnostic UP implements an agile development framework to facilitate the rapid development, integration, and fielding of capabilities to remain responsive to evolving warfighter requirements. The UP program develops capability in response to requirements provided by USCYBERCOM, the Army, Navy, Marine Corps, and Air Force stakeholders in accordance with the prioritization provided by the multi-Service UP governance structure.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY03 / <i>Unified Platform</i>
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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			
UP System Technical Coordination Follow On	C/TBD	TBD: San Antonio TX : TBD: San Antonio TX	-	-		2.800		-		-		-	Continuing	Continuing	-
UP Cloud Compute and Store	C/TBD	TBD- San Antonio, TX : TBD- San Antonio, TX	-	-		14.600		-		-		-	Continuing	Continuing	-
UP Agile Capability Development	C/TBD	Various : Various	-	-		49.400		-		-		-	Continuing	Continuing	-
Distributed Common Computing Environment	C/TBD	Various : Various	-	-		23.143		-		-		-	Continuing	Continuing	-
Unified Platform	C/TBD	Various : Various	-	-		10.221		-		-		-	Continuing	Continuing	-
CYBERCOM UP Cloud	C/TBD	Various : Various	-	-		7.307		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		107.471		-		-		-	Continuing	Continuing	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 Authority Civilian Pay	C/TBD	Various : Various	-	-		8.500		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		8.500		-		-		-	Continuing	Continuing	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			
UP Test and Evaluation	C/TBD	TBD : TBD	-	-		2.200		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		2.200		-		-		-	Continuing	Continuing	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command	Date: March 2024
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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	Project (Number/Name) CY03 / <i>Unified Platform</i>
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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>			
Systems Engineering	C/Various	Various : Various	-	-		11.000		-		-		-	Continuing	Continuing	-
Acquisition Support	C/Various	Various : Various	-	-		3.200		-		-		-	Continuing	Continuing	-
Program Management Office Overhead Costs	C/Various	Various : Various	-	-		4.100		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		18.300		-		-		-	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		136.471		-		-		-	Continuing	Continuing	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY03 / <i>Unified Platform</i>
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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>Unified Platform</i></b>	
Agile Capability Development	
<b><i>Distributed Common Computing Environment</i></b>	
System Technical Coordination	

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY03 / <i>Unified Platform</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Unified Platform</i></b>				
Agile Capability Development	1	2024	4	2024
<b><i>Distributed Common Computing Environment</i></b>				
System Technical Coordination	1	2024	2	2024

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0208099JCY / Cloud & Unified Platform				Project (Number/Name) CY11 / Data Management			
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
CY11: Data Management	-	0.000	2.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

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 the Joint Force Commander's objectives.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Data Management	0.000	2.087	-
<b>Description:</b> 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 the Joint Force Commander's objectives.			
<b>FY 2024 Plans:</b> Funds efforts necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment. Data integrated across the Joint Cyber Warfighting Architecture (JCWA) helps synchronize existing systems and integrate new ones.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned funding from project code CY11: Data management to PE 0306250JCY, Project Code CY50D2: Data to more clearly align Program Elements and projects and budget activities.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	2.087	-

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

N/A

**Remarks**

**D. Acquisition Strategy**

The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY11 / <i>Data Management</i>
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<b>Product Development (\$ 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 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>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Data Management	C/Various	Various : Various	-	-		2.087		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		2.087		-		-		-	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		2.087		-		-		-	Continuing	Continuing	N/A

**Remarks**



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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY11 / <i>Data Management</i>
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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>Data Management</i></b>	
Data Management	[REDACTED]

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099JCY / <i>Cloud &amp; Unified Platform</i>	<b>Project (Number/Name)</b> CY11 / <i>Data Management</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Data Management</i></b>				
Data Management	3	2024	4	2026

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**Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY I <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	0.000	0.000	469.385	479.672	-	479.672	501.049	547.625	583.403	595.097	Continuing	Continuing
CY50W1: <i>Cyber Weapons/Tools</i>	0.000	0.000	0.000	313.320	-	313.320	310.414	313.747	319.412	325.798	Continuing	Continuing
CY50J1: <i>Joint Cyber Warfighting Integration</i>	0.000	0.000	0.000	103.691	0.000	103.691	127.857	170.369	204.967	209.076	Continuing	Continuing
CY50M1: <i>MDDE</i>	0.000	0.000	0.000	36.751	0.000	36.751	36.929	37.011	36.886	37.642	Continuing	Continuing
CY50S1: <i>Sensors</i>	0.000	0.000	0.000	21.043	0.000	21.043	20.870	21.397	16.913	17.252	Continuing	Continuing
CY50D2: <i>Data and Analytics</i>	-	0.000	0.000	4.867	0.000	4.867	4.979	5.101	5.225	5.329	Continuing	Continuing
CY06: <i>Cyber Weapons/Tools</i>	-	0.000	308.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
CY07: <i>Joint Cyber Warfighting Integration</i>	-	0.000	91.214	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
CY08: <i>MDDE</i>	-	0.000	37.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
CY09: <i>Sensors</i>	-	0.000	31.791	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**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 the Joint Force Commander's objectives.

USCYBERCOM in conjunction with the Services and Cyber Stakeholders will develop and expand infrastructure architectures and capabilities/tools to support Cyber Mission Forces (CMF).

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 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY I <i>Cyber Operations Technology Support</i>
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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	0.000	469.385	500.074	-	500.074
Current President's Budget	0.000	469.385	479.672	-	479.672
Total Adjustments	0.000	0.000	-20.402	-	-20.402
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Realignment	-	-	-20.402	-	-20.402

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</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
<i>CY50W1: Cyber Weapons/Tools</i>	0.000	0.000	0.000	313.320	-	313.320	310.414	313.747	319.412	325.798	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

US Cyber Command (USCYBERCOM) conducts full-spectrum cyberspace operations to assist Combatant Commanders and the Joint Force in accomplishing their mission objectives in and through cyberspace.

Cyber operations:

- deter adversaries from conducting escalating activities by causing a lack of confidence in their system and capabilities;
- enhance kinetic operations through the gathering of intel before, tipping during, and assessment afterward;
- create strategic surprise through the projection of power in cyberspace into adversary systems providing non-kinetic alternatives to Combatant Commanders; and
- disrupt, degrade, and destroy the capabilities of malicious cyber actors.

The Cyber Weapons and Tools portfolio funds and directs the development of tailored software and hardware solutions that enable USCYBERCOM personnel to gain access and effect key foreign adversary cyberspace systems at an enterprise scale while operating under the strategy of persistent engagement.

The portfolio provides the means to:

- acquire or build new payloads (i.e., implants and exploits);
- architect and implement the Joint Common Services required to automate and scale the process of intelligence-driven cyber operations;
- maintain and advance a Joint Development Environment (JDE) for cyber weapons and tools at multiple security levels at multiple locations;
- continuously test and adapt payloads and Joint Common Services in response to the constantly changing cyberspace environment/threats; and
- provide program support

All of the above items require integration with each other and have overlapping dependencies.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Cyber Weapon Payloads (e.g., implants, exploits, and associated modules) (CWP)	-	0.000	161.353
<b>Description:</b> Cyber Weapon Payloads provide advanced offensive cyber warfare payloads in direct support of USCYBERCOM and other Combatant Commands (COCOMs). Payloads include exploits to subvert the security of cyberspace systems, implants to command and control cyberspace systems, modules to facilitate collection and effects of cyberspace systems, and any unique hardware or software required for the deployment and management of a specific payload. Cyber Weapon Payloads can be target system specific or applicable to a broad class of cyberspace systems. Due to the shared risk of loss of capability, multiple			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>versions of many payloads need to be available and continuously refreshed to manage the high risk and frequent loss of these capabilities, both due to usage and changes in the cyberspace environment. Funding provides for the acquisition of target systems, execution of reverse engineering of target systems, development of the software payloads, production of documentation and training on the payload, and development of automated payload-specific tests.</p> <p><b>FY 2024 Plans:</b> Develop and expand service Cyber Weapon Payload capabilities via partnership with each service's target aligned development and acquisition efforts (i.e., Army (JFHQ-C Army), Air Force (JFHQ-C Air Force), Marines (JFHQ-C Marines), Navy (JFHQ-C Navy)).</p> <p><b>FY 2025 Plans:</b> Continue expansion of Cyber Weapon Payload capabilities with the services. Major expansion with supporting the technical transfer of new payloads that provide increased capability on specific hard targets that are emerging from S&amp;T efforts in this area.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding for this program was in project CY06. For FY 2025, and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.</p> <p>In FY 2025, funding expands the development environment to higher classification levels (including the ability to transfer between the networks) and expands options for more easily incorporating solutions developed by entities without direct access to any level.</p>			
<p><b>Title:</b> Joint Cyber Weapons Common Services (JCWCS)</p> <p><b>Description:</b> Joint Cyber Weapons Common Services architect and implement the software required to automate and scale the process of intelligence-driven cyber operations. These services are used across missions to facilitate the secure delivery of the optimal payloads to the right authorized targets at the right time. It further manages longer term accesses, ensuring an adaptive posture in response to the changing cyberspace environment and mission needs. This complex process involves interfacing with various intelligence sources, higher level command and control systems, and delivery platforms (e.g., Joint Common Access Platform (JCAP)). Without the Joint Cyber Weapons Common Services, every cyber operation is a manually intensive undertaking requiring high degrees of expertise and increasing the risk of error.</p> <p><b>FY 2024 Plans:</b> Funding for Joint Cyber Weapons Common Services enhances efforts from prior years deploying to JCAP, and making continuous improvements and continuous deliveries throughout the year. Promulgate standards to all payload development organizations to expedite the integration of new payloads.</p> <p><b>FY 2025 Plans:</b></p>	-	0.000	74.508

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>FY 2025 funding for Joint Cyber Weapons Common Services continues to improve its FY 2024 services, but expands the capabilities incorporating new data and analytics providing for improved protection of offensive capabilities and increased capacity for intelligence-based targeting. The focus will be on new and expanded Common Services that provide increased capability on technical transfer of prototypes emerging from S&amp;T efforts in this area.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was in project CY06.</p> <p>In FY 2025, a planned increase is a result of new Common Services that provide increased capability to rapidly scale access and technical transfer of prototypes emerging from S&amp;T efforts currently underway, such as the multiple initiatives under the Constellation program with Defense Advanced Research Projects Agency (DARPA) /I20.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.</p>			
<p><b>Title:</b> Joint Development Environment (e.g., build, manage, and test both payload and common services) (JDE)</p> <p><b>Description:</b> The Joint Development Environment provides the unique information technology (IT) platform and services required for the continuous development, integration, and testing of both Cyber Weapon Payloads and Joint Cyber Weapons Common Services. It needs to operate at multiple security levels to both maximize developer access as well as support required security constraints. The services required on this network include, but are not limited to source code repositories, diverse virtual and hardware environments, functional testing pipeline for diverse operational environments, payload signature/OPSEC measurement, and payload security product testing. It will provide all that is needed for the USCYBERCOM testing processes (e.g., Development Evaluation (DE), Operational Evaluation (OE)). It will ensure stringent controls to prevent the inadvertent or intentional unauthorized release of any payload or common service.</p> <p><b>FY 2024 Plans:</b> FY 2024 funding for the Joint Development Environment focuses on the convergence and improvement of a collection of existing development environments into a unified solution accessible to the development workforce, with the best of breed services available and continually being improved. Focus is on providing access at the TS//SCI level and CUI (Controlled Unclassified Information levels).</p> <p><b>FY 2025 Plans:</b> In FY 2025, funding expands the development environment to higher classification levels (including the ability to transfer between the networks) and expands options for more easily incorporating solutions developed by entities without direct access to any level.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was 62.787 in project CY06.</p>	-	0.000	77.459

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
In FY 2025, a planned increase is a result of additional information technology (IT) platform and services that provide increased capability.			
For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	313.320

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

N/A

**Remarks**

**D. Acquisition Strategy**

The Joint Cyber Weapon’s acquisition strategy is to facilitate the delivery of innovative solutions for existing and emerging technologies to the Cyber Mission Forces. 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. Solutions may include the expedited development of innovative capabilities using existing and emerging technologies, thus enabling continued superiority within the cyber domain.





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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>

Capability Area	FY24				FY25				
	Q1 PI-05	Q2 PI-06	Q3 PI-07	Q4 PI-08	Q1 PI-09	Q2 PI-10	Q3 PI-11	Q4 PI-12	
JCW Common Services	Develop and Deliver Offensive Cyber Operations - Common Services to CMF								
PIE		★ Desktop Browser VR							
JDE			★ Develop Joint Development Environment						

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50W1 / <i>Cyber Weapons/Tools</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Cyber Weapons</b>				
Exploitation framework spiral development	1	2024	4	2028
<b>Cyber Tools</b>				
AF Payloads - Neptune Rumble	1	2024	4	2028
AF Payloads - Wicked Wizard	1	2024	4	2028
Foundational tool suites	1	2024	4	2028

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7				<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>				<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Integration</i>				
<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>
CY50J1: <i>Joint Cyber Warfighting Integration</i>	0.000	0.000	0.000	103.691	0.000	103.691	127.857	170.369	204.967	209.076	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This Joint Cyber Warfighting Architecture (JCWA) funding integrates four Service acquisition programs (Unified Platform (UP), Joint Command and Control (JCC2), Joint Common Access Platform (JCAP), and Persistent Cyber Training Environment (PCTE)) and two USCYBERCOMMAND efforts (Joint Cyber Weapons (JCW), including Joint Development Environment (JDE) and Sensors). The resulting key mission outcomes for the Cyber Operations Force are enhanced situational awareness across the enterprise, an increased ability to tailor cyber operations for specific threats, reduced mission lifecycle time, and automated workflows. These outcomes translate to increased speed, scalability, and accuracy of cyber operations.

To achieve these outcomes, integration funding develops interoperability among systems to provide a comprehensive, integrated, cyberspace architecture. Deliverables include the development and deployment of enterprise-wide services that cross functional boundaries or are foundational in nature such as increased security posture, acceleration of fielding of S&T capabilities, and integrated JCWA Test and Evaluation.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Joint Cyber Warfighting Architecture (JCWA) - Integration	-	0.000	103.691
<p><b>Description:</b> USCYBERCOM uses integration funding to assure interoperability and develop enterprise elements of the JCWA, which is the primary operational environment for Cyber Operations Forces. Integration funding supports efforts to develop standards, prototype, develop, and deploy foundational enterprise services and inform requirements and investment decisions. JCWA funding also supports collaboration with innovation partners, ensuring that the JCWA is integrating cutting edge technology in order to stay ahead of adversary developments.</p> <p><b>FY 2024 Plans:</b> FY 2024 funds support development of initial, threat informed JCWA System of Systems (SoS) operational testing, starting the integration of SAP and STO capabilities, delivering systems engineering processes, and increasing staffing available to support SoS engineering and integration. Early capabilities integrated through the Constellation pipeline program is jointly run by USCYBERCOM and DARPA to enable new, mission focused, artificial intelligence (AI) capabilities in support of top-priority missions. FY 2024 funding achieves the delivery of initial and prototype security enhancements, including 1) deployment of a central JCWA security operations center to reduce vulnerability to adversary attack, 2) enterprise-wide identity and access</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Integration</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
<p>management, and 3) enterprise-level, cross-domain solutions. This funding also supports development of an enterprise-wide cloud strategy.</p> <p><b>FY 2025 Plans:</b>                      FY 2025 funds support JCWA continues to support development of 1) a central JCWA security operations center to reduce vulnerability to adversary attack, 2) enterprise-wide identity and access management, and 3) enterprise-level, cross-domain solutions. These funds also support delivering threat informed, JCWA SoS operational testing, expanding integration of SAP and STO capabilities as they mature, increasing staffing available to support SoS engineering and integration, with a focus on testing and validation. FY 2025 funding will achieve further maturation of Constellation integration to enable key capabilities, including AI support for the mission. This funding also supports transition, as appropriate, to the use of commercially-provided foundational cloud services.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b>                      In FY 2024 funding was 91.214 in Project CY07. For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects.</p> <p>The increase between FY 2024 and FY 2025 is to expand enterprise services and expand efforts to integrate S&amp;T capabilities, including additional programs into the Constellation pipeline.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	103.691

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**Remarks**

**D. Acquisition Strategy**  
 USCYBERCOM is exercising its responsibilities as System of Systems (SoS) Engineering and Integration authority. USCYBERCOM's strategy is to apply funding in a strategic, targeted way to leverage on-going Program Management Office (PMO) activities to assure interoperability, efficiency, and cost effectiveness. JCWA employs other innovative strategies, such as leveraging Service capability development PMOs to advance progress within Areas Of Responsibility (AOR), leveraging mature, industry- provided capabilities (such as utilizing large, established technology companies), and employing short term funding in the furtherance of long-term enterprise integration goals.



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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Integration</i>
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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>Services</b>	
Services	[REDACTED]

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50J1 / <i>Joint Cyber Warfighting Integration</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Services</b>				
Services	1	2025	3	2026



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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>				<b>Project (Number/Name)</b> CY50M1 / MDDE			
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
CY50M1: MDDE	0.000	0.000	0.000	36.751	0.000	36.751	36.929	37.011	36.886	37.642	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

USCYBERCOM MDDE funding provides advanced non-kinetic capabilities that directly support USCYBERCOM operational directives, FY 2022 National Defense Strategy, Department of Defense Cyber Strategy, and other formal requirements documents outlining needed capabilities against identified threats. Further details are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> MDDE	0.000	0.000	36.751
<p><b>Description:</b> USCYBERCOM MDDE funding provides advanced non-kinetic capabilities that directly support USCYBERCOM operational directives, FY 2022 National Defense Strategy, Department of Defense Cyber Strategy, and other formal requirements documents outlining needed capabilities against identified threats. Further details are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.</p> <p><b>FY 2024 Plans:</b> FY 2024 funding supports developing and advancing the state of the art in non-kinetic capabilities, delivered to operators with the appropriate authorities for effect to meet designated USCYBERCOM and DoD missions. Key efforts include developing, testing and fielding an advanced prototype platform that enables full-spectrum cyber operations in support of USCYBERCOM and DoD goals, with initial operating capability in July, 2024. These efforts expand operations with data providers and develop analytic tools that support capability development and mission execution. Finally, funding develops an architecture and integration plan for multi-domain system of systems capability model in support of a specific goal, with architecture definition by the third quarter of FY 2024. FY 2024 includes the completion of 6 unique efforts to be delivered between quarters 1 through 3 of the fiscal year. These deliverables are program milestones which represent intelligence-driven vulnerability analysis-identified opportunities. These opportunities consist of MDDE 1-6 under the schedule displayed in the corresponding R-3.</p> <p><b>FY 2025 Plans:</b> FY 2025 funding will allow the effort to continue to execute the development pipeline of capabilities, further identifying appropriate mechanisms to support USCYBERCOM and DoD goals and mission imperatives. MDDE will also deliver additional non-kinetic capabilities in accordance with identified opportunities and mission goals and expand applicability of strategy and tools to support additional AORs as needed and directed. Other key efforts include developing integrated and mission-ready platforms that enable full-spectrum cyber operations with initial demonstrated capability by the second quarter of FY25. Also, MDDE will demonstrate advanced capabilities in operationally realistic high-fidelity tests to ensure mission success and develop a robust platform and</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50M1 / <i>MDDE</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>system of system prototype that demonstrates complex system of system interactions across multiple domains in support of a specific mission objective by the fourth quarter of 2025. FY 2025 will include the completion of 3 unique efforts to be delivered between quarters 2 through 4 of the fiscal year. These deliverables are program milestones which represent intelligence-driven vulnerability analysis-identified opportunities. These opportunities consist of: MDDE 7-9 under the schedule display below.</p> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> In FY 2024 funding was 37.760 in Project CY08.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.</p> <p>FY 2025 funding decrease reflects funding shift request of RDT&amp;E to O&amp;M (\$1.042) in FY 2025 and out-years.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	36.751

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

N/A

**Remarks**

**D. Acquisition Strategy**

MDDE's acquisition strategy primarily leverages multiple existing contracts, but also includes a few new contract awards to include a first quarter FY 2024 award for engineering expertise. Contracts will support multiple, short term efforts to rapidly develop operational prototypes that can be quickly fielded against fleeting target vulnerabilities.

Further details are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50M1 / <i>MDDE</i>
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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			
MDDE	C/Various	Various : Various	-	-		0.000		36.751		-		36.751	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		36.751		-		36.751	Continuing	Continuing	N/A

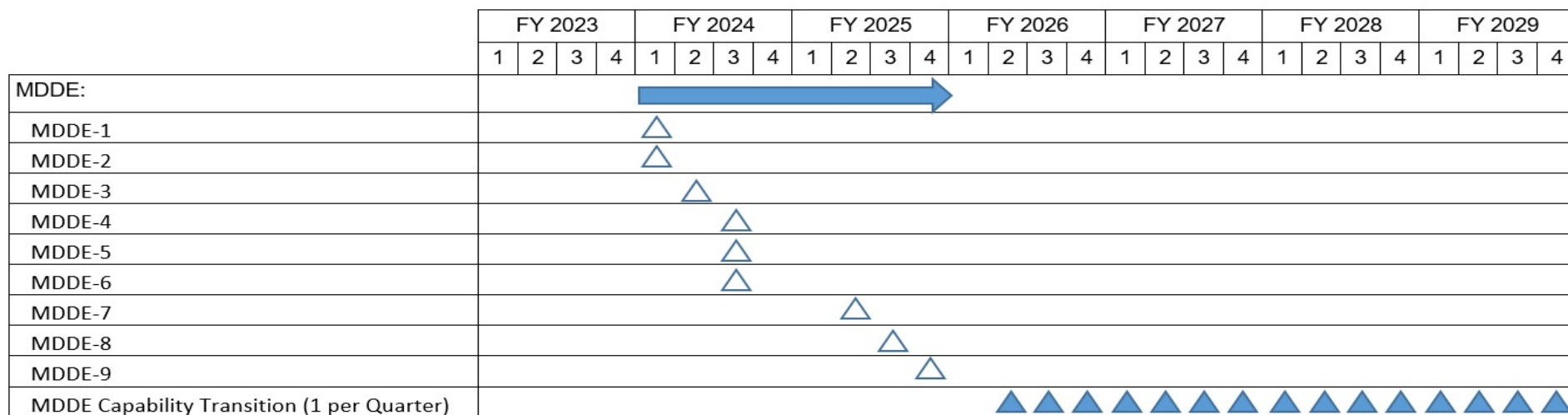
**Remarks**  
 Across the Future Years Defense Plan (FY 2026-2029), the MDDE Program will endeavor to complete on average the transition of one capability per quarter. This transition schedule will be driven by intelligence and vulnerability analysis-identified opportunities.

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract		
<b>Project Cost Totals</b>	-	-		0.000		36.751	-	36.751	Continuing	Continuing	N/A

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50M1 / MDDE



- MDDE-1: To complete the field test with respect to tracking of an MDDE identified radio frequency to be completed in Q1FY24.
- MDDE-2: Completion of the feasibility assessment on a separate radio frequency sensor in Q1FY24.
- MDDE-3: Delivery of, or completion of a chemical engineering assessment of critical technology for MDDE target Q2FY24.
- MDDE-4: To complete and deliver the architecture and integration plan for a MDDE radio frequency intercept. Architecture is to be completed by Q3FY24.
- MDDE-5: To complete a field assessment in partnership with the US Department of Energy Q3FY24.
- MDDE-6: To complete the development of a passive radio frequency sensor contingent upon the results of the MDDE-2 feasibility assessment Q3FY24.
- MDDE-7: To complete field testing of a prototype Unmanned Aerial Vehicle to determine its range and capacity to deliver capability in test theater Q2FY25.
- MDDE-8: To complete a comprehensive industrial supply chain study with multiple Department of Defense elements on the strategic competition's current supply chain operations and their critical paths of procurement Q3FY25.
- MDDE-9: To complete field testing of a prototype transporter Unmanned Aerial Vehicle to determine its capacity to reliably transport capability in test theater Q4FY25.

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50M1 / <i>MDDE</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>MDDE</b>				
Event	1	2024	4	2028

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50S1 / <i>Sensors</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
CY50S1: <i>Sensors</i>	0.000	0.000	0.000	21.043	0.000	21.043	20.870	21.397	16.913	17.252	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Data & Sensors portfolio includes capabilities that identify indications or confirmation of a compromised cyberspace defense capability. Capability funding supports deployable Sensors (i.e., CNMF Hunt Forward & Service Cyber Component Deployable Mission Support Systems (DMSS) kits), DoDIN and INDOPACOM Enhanced Sensing and Mitigation, data analytics and Cyber mission Force (CMF) access to commercially available data on mission relevant cyber threats required to evaluate, analyze, and counter Malicious Cyber Activity (MCA)/Malign Influence Activity (MIA). Hunt Forward and DMSS kits are a self-contained, flyaway equipment (software and hardware) operated by Cyber Protection Teams (CPTs) to survey, secure and protect military networks, data centers and to conduct Vulnerability Analysis (VA), Incident Response (IR) with little or no notice concurrently on classified and unclassified networks. The CPTs maintain the ability to locate, contain, and defeat malicious activity in response to an adversary breaching or attempting to breach DoD information systems.

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

	FY 2023	FY 2024	FY 2025
<p><b>Title:</b> Data &amp; Sensors</p> <p><b>Description:</b> The Data &amp; Sensors portfolio includes capabilities that identify indications or confirmation of a compromised cyberspace defense capability. Capability funding supports deployable Sensors (i.e., CNMF Hunt Forward &amp; Service Cyber Component Deployable Mission Support Systems (DMSS) kits), DoDIN and INDOPACOM Enhanced Sensing and Mitigation, data analytics and Cyber mission Force (CMF) access to commercially available data on mission relevant cyber threats required to evaluate, analyze, and counter Malicious Cyber Activity (MCA)/Malign Influence Activity (MIA). Hunt Forward and DMSS kits are a self-contained, flyaway equipment (software and hardware) operated by Cyber Protection Teams (CPTs) to survey, secure and protect military networks, data centers and to conduct Vulnerability Analysis (VA), Incident Response (IR) with little or no notice concurrently on classified and unclassified networks. The CPTs maintain the ability to locate, contain, and defeat malicious activity in response to an adversary breaching or attempting to breach DoD information systems.</p> <p><b>FY 2024 Plans:</b> Supports research and development providing cyberspace defense capability that protects the DoD network enclaves, to include:</p> <ul style="list-style-type: none"> <li>- Develops emerging CNMF commercial data feeds and tools to pursue evolving MCAs and to detect and engage emerging adversarial technologies targeting DoD associated computer systems, software applications and sensitive operational information. Protects against unauthorized intrusion, corruption, and/or destruction. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), commercial data feeds and tools is necessary for use by the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</li> </ul>	-	0.000	21.043

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50S1 / <i>Sensors</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>- Provides for JFHQ-DODIN Data Science/Data Engineering Analytics Capability Support to architect and orchestrate tools leveraging the latest advancements in data and information sciences. As the cyber landscape and malicious cyber actors (MCAs) continue to evolve and advance, the command is enabled with the capacity to move at tempo and scale to address the range of vulnerabilities across the DODIN terrain. Several U.S. academic institution cyber security curriculums they perform cutting edge research with their staff and students. By forming close collaborative relationships with academia, JFHQ-DODIN engages these experts as they postulate future threats, blueprint potential attack strategies, propose architectures and concepts to defeat those threats and prototype solutions suitable for experimentation with actual threat data. Key benefits to performing research with academia include 1) integrating new concepts into JFHQ-DODIN strategy and planning much earlier, and 2) engaging students through their course work and research to understand the DoD cyber security environment so they are encouraged to work in this area post-graduation.</p> <p>- Provides for INDOPACOM's regional National Defense Strategy to maintain/restore the comparative U.S. military advantage with respect to the region adversaries and to reduce risk regarding DoD contingency plan execution. These Enhanced Sensing investments provide: specialized INDOPACOM Low-Level Network Sensing and Defense capability, data feed, and analytic resources; increased efforts to discover and characterize adversary networks. These activities and resources are necessary to maintain or restore U.S. comparative military advantage and reduce risk of executing Department of Defense contingency plans in support of U.S. national security interests per the FY 2022 NDAA section 1242.</p> <p><b>FY 2025 Plans:</b> FY 2025 funding will support the down select to the most efficient prototype and complete contract actions for consolidated procurement of kits for the CMF. Funding will allow USCYBERCOM to initiate procurement of the Joint Cyber Hunt Kits (JCHK) and move them into the CMF inventory for mission prosecution.</p> <p>Funding supports sustainment of current kits procured and deployed using Service contracts until refresh cycles have been completed.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was 31.791 in project CY09.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align projects and budget activities.</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50S1 / <i>Sensors</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
In FY 2025 decrease in funding is due to realignment of funding for participation in the BA08, Software and Digital Technology Pilot Program.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	21.043

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

N/A

**Remarks**

**D. Acquisition Strategy**

The Sensors program acquisition strategy is to leverage previously developed capabilities to establish a more robust and consistent CPT equipment maintenance training program, and standardized repair and replace processes, across the CMF. Contracts will be awarded under full and open competition whenever is possible. Sensors will leverage Defense Innovation Unit (DIU) Other Transactional (OT) authority to award a Prototype Agreement to support the rapid development of a JCHK prototype. OT procedures allow for successful prototype transition into a large production contract. The objective is to transition CPTs to the new DCHS at the beginning of FY26.



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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date: March 2024**

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / Cyber Operations Technology Support	<b>Project (Number/Name)</b> CY50S1 / Sensors
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<b>Product Development (\$ 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>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Sensors	C/Various	Various : Various	-	-		0.000		21.043		-		21.043	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		21.043		-		21.043	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		0.000		21.043		-		21.043	Continuing	Continuing	N/A

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2025 United States Cyber Command</b>		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50S1 / <i>Sensors</i>

Event Name	FY24				FY25				FY26				FY27				FY28				FY29			
	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>Data/Sensors</b>																								
Hunt Forward																								
HFO Kits	●																							
Annual Software updates	▲																							
DCHS Next Gen																								
DCHS Kits	Prototype																							
Annual Software Update	▲																							
DCHS Foundational Training	■																							
Advanced Analytics																								

**Note:** Services will fully transition to the new DCHS kit by FY28 with a 3 yr technology refresh requirement

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50S1 / <i>Sensors</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Sensors</b>				
Sensor event	1	2024	4	2028

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D2 / <i>Data and Analytics</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
CY50D2: <i>Data and Analytics</i>	-	0.000	0.000	4.867	0.000	4.867	4.979	5.101	5.225	5.329	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

JOINT FORCE HEADQUARTERS (JFHQ)/DOD INFORMATION NETWORK (DODIN) - JFHQ-DoDIN's mission is to exercise command and control (C2) of DODIN Operations and Defensive Cyberspace Operations Internal Defensive Measures (DCO-IDM) globally in order to synchronize the protection of DoD components' capabilities to enable power projection and freedom of action across all DoD network enclaves and warfighting domains. The full mission scope of the JFHQ-DODIN includes: the critical daily requirement to protect the DODIN, a mature Joint Headquarters, management of requirements for global engagement, and the capability to assess the readiness of the DODIN against mission critical Combatant Command Requirements. JFHQ-DODIN provides unity of command between USCYBERCOM and subordinate headquarters and unity of effort with all other DoD Components. Ensures the DODIN is available and secure for Joint Missions, including effects delivered in and through cyberspace, guaranteeing that the readiness posture of DoDIN is maintained.

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

	FY 2023	FY 2024	FY 2025
<p><b>Title:</b> Data Management</p> <p><b>Description:</b> JFHQ-DODIN architects and orchestrate tools leveraging the latest advancements in data and information sciences. As the cyber landscape and malicious cyber actors (MCAs) continue to evolve and advance, the command is enabled to move at tempo and scale to address the range of vulnerabilities across the DODIN terrain.</p> <p><b>FY 2024 Plans:</b> Advanced Gap analysis (developing a risk informed Integrated Priority List); Risk analysis, Statistical evaluation of risk – Scope, Assemble, Score, Relate and Enforce (SASR-E), the methodology for conducting threat and terrain informed analysis in support of DOD's Vulnerability Management (VM) efforts and Mission Relevant Terrain-Cyber (MRT-C) decomposition.</p> <p><b>FY 2025 Plans:</b> Continued expansion of Gap analysis (developing a risk informed Integrated Priority List); Risk analysis, Statistical evaluation of risk – Scope, Assemble, Score, Relate and Enforce (SASR-E), the methodology for conducting threat and terrain informed analysis in support of DOD's Vulnerability Management (VM) efforts and Mission Relevant Terrain-Cyber (MRT-C) decomposition.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> In FY 2024 funding was 2.087 in PE 0208099JCY, Project CY11.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align Program Elements, projects and budget activities.</p>	0.000	0.000	4.867

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D2 / <i>Data and Analytics</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
An increase provides resources for risk analysis, understanding of malicious cyber actor techniques, tactics and procedures, and requirements devolution for the continued understanding of the DoD Information Network (DODIN) in order to improve capabilities that enable the security, operations and defense of the DODIN.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	4.867

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / Cyber Operations Technology Support	<b>Project (Number/Name)</b> CY50D2 / Data and Analytics
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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			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	Cost To Complete	Total Cost	Target Value of Contract
CNMF	C/Various	Various : Various	-	-		0.000		2.141		-		2.141	Continuing	Continuing	-
JFHQ_DoDIN	C/Various	Various : Various	-	-		0.000		2.726		-		2.726	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		4.867		-		4.867	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		0.000		4.867		-		4.867	Continuing	Continuing	N/A

**Remarks**

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D2 / <i>Data and Analytics</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

<b>Data Management</b>	
Data Management	[REDACTED]

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D2 / <i>Data and Analytics</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Data Management</i></b>				
Data Management	4	2024	3	2026



**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>				<b>Project (Number/Name)</b> CY06 / <i>Cyber Weapons/Tools</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
CY06: <i>Cyber Weapons/Tools</i>	-	0.000	308.620	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

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 the Joint Force Commander's objectives.

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

	FY 2023	FY 2024	FY 2025
<p><b>Title:</b> Cyber Weapons/Tools</p> <p><b>Description:</b> Cyber Weapons and Tools support dual/multi-use tools (i.e. software/hardware) use by the Cyber Mission Force on Joint Assess Platforms to conduct cyberspace operations. Invest in delivery platforms and access points that enable full spectrum operations and integrate offensive cyber into combat operations. Building Lethality requires multiyear investment in cyber capabilities by supporting, platforms, access points and cyber tools to enable full-spectrum offensive and defensive cyberspace operations.</p> <p><b>FY 2024 Plans:</b> USCYBERCOM Weapons and Tools enhance and sustain common service exploitation frameworks supporting CMF operations based on evolving operational requirements; research, develop, integrate, and procure mission-focused exploit capabilities as a common service to support CMF operations; update Personal Security Protection Testing Services to ensure they support current test needs and facilitate delivered cyber weapons through operational acceptance; perform Functional Acceptance Testing and deliver fully tested foundational cyber weapons into the Government's Development Evaluation (DE) and Operational Evaluation (OE) processes; develop and deliver independently-tested foundational tools suites to incrementally achieve a full complement of required capabilities. The foundational tool suites provide operational agility for CMF cyberspace operations; measure signatures on each spiral of delivered tools to verify uniqueness of tools and diversity of source code; develop and deliver specialized tools, exploits, and research to CMF that enable access to "hard targets."</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY06 to CY50W1: Cyber Weapons/Tools to more clearly align projects and budget activities.</p>	0.000	182.487	-
<p><b>Title:</b> Marine Corps Cyber Weapons/Tools</p> <p><b>Description:</b> MARFORCYBER provides advanced cyber warfare capabilities in direct support of USCYBERCOM, Marine Corps Commanders, and national agencies to enable and accomplish global operations. Cyber weapons disrupt rising advanced</p>	0.000	23.471	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY06 / <i>Cyber Weapons/Tools</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>peer and near-peer threats, as well as violent extremist organizations seeking to do harm to the United States. The software constructed cyber weapons are target specific and require high quality, rapid adjustments to achieve desired effects at an acceptable level of risk. The specific details and aspects of these cyber activities are held at a higher classification level</p> <p><b>FY 2024 Plans:</b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY06 to CY50W1: Cyber Weapons/Tools to more clearly align projects and budget activities.</p>				
<p><b>Title:</b> Army Cyber Weapons/Tools</p> <p><b>Description:</b> Army Payloads provide advanced offensive cyber warfare capabilities to the 780th MIB / Joint Force Headquarters Cyber – Army (JFHQ-C (A)) in direct support of USCYBERCOM, other Combatant Commands (COCOMs), unified commands, and national agency cyber warfighting requirements. Cyber weapons disrupt rising advanced peer and near-peer threats, as well as violent extremist organizations seeking to do harm to the United States. The software constructed cyber weapons require high quality, rapid adjustments to achieve desired effects at an acceptable level of risk. The specific details and aspects of these cyber activities are held at a higher classification level..</p> <p><b>FY 2024 Plans:</b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY06 to CY50W1: Cyber Weapons/Tools to more clearly align projects and budget activities.</p>		0.000	20.565	-
<p><b>Title:</b> Navy Cyber Weapons/Tools</p> <p><b>Description:</b> : Navy Cyber Weapons and Tools develop Navy foundational and specialized cyber tools in support of the CMF in accordance with requirements, guidance, and previous work completed, focusing on the following activities: Cyberspace additional support facilities and infrastructure; Program office, program management, engineering, administrative, and security support; Specialized Cyberspace technical, engineering, and management capabilities; Expand Cyberspace Activities development network and network support; Cyberspace hardware and software reverse engineering development; Research and Development (R&amp;D) activities leading to cyber tool opportunities and vulnerabilities; Cyberspace tool development of Foundational and Reserve</p>		0.000	44.161	-

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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY06 / <i>Cyber Weapons/Tools</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>Tool Kits; and Cyberspace activity logistics support. The specific details and aspects of these cyber activities are held at a higher classification level.</p> <p><b><i>FY 2024 Plans:</i></b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.</p> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY06 to CY50W1: Cyber Weapons/Tools to more clearly align projects and budget activities.</p>			
<p><b><i>Title:</i></b> Air Force Payloads</p> <p><b><i>Description:</i></b> Air Force Payloads provide advanced offensive cyber warfare capabilities to the 16th Air Force / Joint Force Headquarters Cyber – Air Force (JFHQ-C (AF)) in direct support of USCYBERCOM, COCOMs, unified commands, and national agency cyber warfighting requirements. Air Force Payloads directly support the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), DoD, USCYBERCOM operational directives, and other formal requirements documents in the delivery of offensive cyber effects.</p> <p><b><i>FY 2024 Plans:</i></b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.</p> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY06 to CY50W1: Cyber Weapons/Tools to more clearly align projects and budget activities.</p>	0.000	37.936	-
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	308.620	-

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**Remarks**  
USCYBERCOM realigned the Project Code CY06: Cyber Weapons/Tools to CY50W1 FY2025 forward.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY06 / <i>Cyber Weapons/Tools</i>

**D. Acquisition Strategy**

Facilitate the delivery of innovative solutions for existing and emerging technologies to the CMF. 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 leverage on various Service Component, Combatant Command and National Security Agency contracting offices for procurement of cyber capabilities and contractor support. Solutions may include the expedited development of innovative capabilities using existing and emerging technologies, thus enabling continued superiority within the cyber domain.



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY06 / <i>Cyber Weapons/Tools</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
<b>Cyber Weapons</b>																												
Exploitation framework spiral development					██████████																							
<b>Cyber Tools</b>																												
AF Payloads - Neptune Rumble					██████████																							
AF Payloads - Wicked Wizard					██																							
Foundational Tool suites					██																							

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY06 / <i>Cyber Weapons/Tools</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Cyber Weapons</b>				
Exploitation framework spiral development	1	2024	4	2024
<b>Cyber Tools</b>				
AF Payloads - Neptune Rumble	1	2024	4	2024
AF Payloads - Wicked Wizard	1	2024	3	2026
Foundational Tool suites	1	2024	4	2026

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / Cyber Operations Technology Support				<b>Project (Number/Name)</b> CY07 / Joint Cyber Warfighting Integration			
<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>
CY07: Joint Cyber Warfighting Integration	-	0.000	91.214	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

USCYBERCOM created the JCWA as a concept to integrate cyber warfighting systems. JCWA serves as a guiding concept for cyber warfighting acquisitions and investment decisions which address functions, relationships, and dependencies of constituent systems.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Joint Cyber Warfighting Architecture (JCWA)	0.000	91.214	0.000
<b>Description:</b> USCYBERCOM created the JCWA as a concept to integrate cyber warfighting systems. JCWA serves as a guiding concept for cyber warfighting acquisitions and investment decisions which address functions, relationships, and dependencies of constituent systems.			
<b>FY 2024 Plans:</b> JCWA funds synchronize cyber warfighting programs across the DOD. The JCWA includes a range of software-enabled systems, sensors, and tools integrate systems that enable the warfighter.			
<b>FY 2025 Plans:</b> USCYBERCOM realigned the Project CY07: to Project CY50JI Joint Warfighting Integration FY2025 forward.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY07 to CY50J1: Cyber Weapons/Tools to more clearly align projects and budget activities.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	91.214	0.000

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

N/A

**Remarks**

USCYBERCOM realigned the Project Code CY07: to CY50JI Joint Warfighting Integration FY2025 and forward.



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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY07 / <i>Joint Cyber Warfighting Integration</i>

**D. Acquisition Strategy**

The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2025 United States Cyber Command												<b>Date:</b> March 2024			
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / Cyber Operations Technology Support					<b>Project (Number/Name)</b> CY07 / Joint Cyber Warfighting Integration					
<b>Product Development (\$ 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>			
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
JWCA	C/Various	Various : Various	-	-		91.214	Oct 2024	0.000		0.000		0.000	Continuing	Continuing	-
<b>Subtotal</b>			-	-		91.214		0.000		0.000		0.000	Continuing	Continuing	N/A
			Prior Years	<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>Project Cost Totals</b>			-	-	91.214		0.000		0.000		0.000	Continuing	Continuing	N/A	

**Remarks**

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY07 / <i>Joint Cyber Warfighting Integration</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

<b>JWCA</b>																												
JWCA																												

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY07 / <i>Joint Cyber Warfighting Integration</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>JWCA</b>				
JWCA	1	2024	4	2024

**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY08 / MDDE
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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
CY08: MDDE	-	0.000	37.760	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This program element includes non-USCYBERCOM civilian pay expenses required to manage, execute, and deliver existing or emergent support weapon system capability in accordance with USCYBERCOM Memorandum of Agreement (MOA).

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> MDDE	0.000	37.760	-
<b>Description:</b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.			
<b>FY 2024 Plans:</b> The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY08 to CY50M1: Cyber Weapons/Tools to more clearly align projects.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	37.760	-

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

N/A

**Remarks**

USCYBERCOM realigned the resources in Project Code CY08: MDDE to CY50M1 FY2025 and forward.

**D. Acquisition Strategy**

The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Cyber Command Date: March 2024

Table with 3 columns: Appropriation/Budget Activity (0400 / 7), R-1 Program Element (Number/Name) (PE 0306250JCY / Cyber Operations Technology Support), Project (Number/Name) (CY08 / MDDE)

Main data table with columns: 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. Includes rows for CYBER Tech Support and Project Cost Totals.

Remarks section, currently blank.

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command							<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 7				<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>				<b>Project (Number/Name)</b> CY08 / <i>MDDE</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

<b>MDDE</b>	
Event	[REDACTED]

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY08 / <i>MDDE</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>MDDE</b>				
Event	1	2024	4	2024



**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / Cyber Operations Technology Support	<b>Project (Number/Name)</b> CY09 / Sensors
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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
CY09: Sensors	-	0.000	31.791	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Sensors portfolio includes Hunt Forward, Enhanced Sensing and Mitigation, DMSS kits plus investment in other sensors used to support the CMF. DMSS kits are a self-contained, flyaway equipment. The software and hardware are operated by CPT to survey, secure and protect military networks, data centers and to conduct Vulnerability Analysis (VA), Incident Response (IR) with little or no notice concurrently on classified and unclassified networks. The CPTs maintain the ability to locate, contain, and defeat malicious activity in response to an adversary breaching or attempting to breach DoD information systems.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Sensors	0.000	31.791	0.000
<b>Description:</b> The Sensors portfolio includes Hunt Forward, Enhanced Sensing and Mitigation, Deployable Mission Support Systems (DMSS) kits plus investment in other sensors used to support the Cyber mission Force (CMF). DMSS kits are a self contained, flyaway equipment. The software and hardware are operated by Cyber Protection Teams (CPTs) to survey, secure and protect military networks, data centers and to conduct Vulnerability Analysis (VA), Incident Response (IR) with little or no notice concurrently on classified and unclassified networks. The CPTs maintain the ability to locate, contain, and defeat malicious activity in response to an adversary breaching or attempting to breach DoD information systems.			
<b>FY 2024 Plans:</b> Supports research and development. Provides cyberspace defense capability that protects the DoD network enclaves, to include their associated computer systems, software applications and sensitive operational information against unauthorized intrusion, corruption, and/or destruction. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), DMSS kits are necessary for use by the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.			
<b>FY 2025 Plans:</b> FY2025 and forward, Project CY09 Sensors realigned to Project CY50S1 Sensors.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> For FY 2025 and beyond, USCYBERCOM realigned project Code CY07 to CY50S1: Cyber Weapons/Tools to more clearly align projects and budget activities.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	31.791	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY09 / <i>Sensors</i>

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

N/A

**Remarks**

FY2025 and forward, Project CY09 Sensors realigned to Project CYS01 Sensors in FY2025 and forward.

**D. Acquisition Strategy**

The origin, details and specific aspects of these efforts are held at a higher classification level and can be found in the Information Technology Cyberspace Congressional Justification Book.



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY09 / <i>Sensors</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

<b>Sensors</b>	
Sensor event	[REDACTED]

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY09 / <i>Sensors</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Sensors</b>				
Sensor event	1	2024	4	2024

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 8: Software and Digital Technology Pilot Programs</i>	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <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	0.000	0.000	0.000	85.168	0.000	85.168	79.277	80.863	82.440	84.076	Continuing	Continuing
CY50D1: <i>Data &amp; Sensors DMSS Kits</i>	0.000	0.000	0.000	85.168	0.000	85.168	79.277	80.863	82.440	84.076	Continuing	Continuing

**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 the Joint Force Commander's objectives. In conjunction with the Services and Cyber Stakeholders, USCYBERCOM develops and expands capabilities/ tools to support Cyber Mission Forces (CMF). Following USCYBERCOM FY 2024 Enhanced Budgetary Control (FY 2022 NDAA, section 1507), USCYBERCOM assumed direct mission resource planning, programming, budgeting, and execution responsibilities from Service Cyber Components (SCCs) to train, equip, operate, and sustain Cyber Mission Forces.

The Data & Sensors portfolio includes capabilities that identify indications or confirmation of a compromised cyberspace defense capability, to include CMF Cyber Protection Team (CPT) Deployable Mission Support Systems (DMSS). CPTs utilize DMSS equipment to conduct threat-focused, intelligence driven defensive cyberspace operations countering malicious cyberspace activities (MCA) and defending DoD Information Networks (DoDIN) and specified cyberspace terrain. Operating as dynamic maneuver forces, CPTs require portable, highly configurable, scalable tools to enable effective and efficient MCA hunt, clear, enable hardening, and threat assessment in the contested cyberspace environment.

The dynamic nature of CPT defensive cyberspace operations (DCO) epitomizes the required flexibility offered by the BA-8 Software and Digital Technology Pilot Program. While Army PM DCO initiated USCYBERCOM's sole FY 2024 BA-8 participation per implementation of USCYBERCOM FY 2024 Enhanced Budgetary Control (FY 2022 NDAA, section 1507), USCYBERCOM realigned all Army, Navy, Air Force, and Marine Corps, and USCYBERCOM DMSS procurement, O&M, and RDTE appropriation to BA-8 starting in FY 2025 to accomplish the following: optimize DCO platform and software development programming and budgeting flexibility to maintain comparative cyberspace advantage with respect to MCAs; standardize CPT equipment acquisition; mitigate acquisition delays; reduce overall DCO development lifetime costs; and accelerate deployment of critical defensive cyberspace systems/tools.

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 8: Software and Digital Technology Pilot Programs</i>	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY I <i>Cyber Operations Technology Support</i>
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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	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	85.168	0.000	85.168
Total Adjustments	0.000	0.000	85.168	0.000	85.168
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Budget Year Realignment	-	-	85.168	0.000	85.168



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**Exhibit R-2A, RDT&E Project Justification:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D1 / <i>Data &amp; Sensors DMSS Kits</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
CY50D1: <i>Data &amp; Sensors DMSS Kits</i>	0.000	0.000	0.000	85.168	0.000	85.168	79.277	80.863	82.440	84.076	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Data & Sensor portfolio includes Deployable Mission Support Systems (DMSS) kits used to support the Cyber Mission Force (CMF). USCYBERCOM intends to combine the requirements of the Deployable Mission Support System (DMSS) and Hunt Forward Operations (HFO) kits into one capability referred to as the Joint Cyber Hunt Kit (JCHK). Like the DMSS and HFO kits, the JCHK will be a self-contained flyaway capability utilized by the Cyber Protection Team (CPT) Mission Elements to secure and protect military networks and data centers by conducting Hunt, Clear, Enable Hardening, and Assess missions in blue, gray, and red cyberspace. Through Vulnerability Analysis (VA) and Incident Response (IR) operations on classified and unclassified networks, CPTs will continue the ability to locate, contain, and defeat malicious activity in response to adversarial breaches or attempted breaches against DoD information systems. The dynamic nature of CPT defensive cyberspace operations driven by the adversary's rapidly evolving offensive cyber tactics, techniques and procedures require the BA-8 flexibility as JCHK evolves. The merging of capabilities will facilitate the standardization of training, maintenance logistics, and force protection and will promote efficient execution of resources based on economy of scale.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Data & Sensor - DMSS Kits	-	0.000	85.168
<p><b>Description:</b> The Data &amp; Sensors portfolio includes capabilities that identify indications or confirmation of a compromised cyberspace defense capability, to include: CMF Cyber Protection Team (CPT) Deployable Mission Support Systems (DMSS); National CPT (NCPT) Hunt Forward kits; Enhanced Sensing and Mitigation; and other investments supporting Cyber Mission Forces (CMF). USCYBERCOM has initiated planning to standardize Joint CPT/NCPT mission equipment (i.e., DMSS and Hunt Forward Operations (HFO) kits) to satisfy similar but separate mission requirements with one consolidated Joint Cyber Hunt Kit/ capability(JCHK). The JCHK will be a self-contained capability utilized by the Cyber Protection Teams (CPTs) Mission Elements to conduct Hunt, Clear, Enable Hardening, and Assess missions in blue, gray, and red cyberspace. The merging of capabilities will facilitate the standardization of training and force projection. This single, joint system promotes efficient execution of resources based on economy of scale.</p> <p><b>FY 2024 Plans:</b> Continue the development, procurement and sustainment of DMSS kits for Army, Navy, Air Force and Marine Corp for the CPTs.</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D1 / <i>Data &amp; Sensors DMSS Kits</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>FY 2024 funding supports continued Service Cyber Component development engineering, integration, and testing of CPT DMSS equipment and USCYBERCOM research/development of specialized DCO capabilities against emerging, complex MCA challenges.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), DMSS kits are necessary for use by the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p> <p><b>FY 2025 Plans:</b>                      FY 2025 USCYBERCOM DMSS RDTE BA-8 Plans: 85.168                      Army DMSS Plans: 19.579 (10.2 Proc, 2.6 - O&amp;M), 11.9 RDT&amp;E)                      Navy DMSS Plans: 30.746 (18.2 Proc, 7.5 O&amp;M, 5.046 RDT&amp;E)                      Air Force DMSS Plans: 16.013 Proc                      USMC DMSS Plans: 10.783 (5.4 Proc, 5.4 O&amp;M)                      USCYBERCOM Specialized DMSS Development Plans: 8.047 RDT&amp;E</p> <p>FY 2025 transition from former Procurement O&amp;M DMSS funds and RDT&amp;E (BA07) to RDTE BA-8, to standardize DMSS acquisition, fulfill dynamic DCO platform and software development flexibility/scalability to maintain comparative cyberspace advantage with respect to MCAs, and support USCYBERCOM efforts to consolidate similar but separate CPT/NCPT DMSS and Hunt Forward capabilities. FY 2025 funding will support the down select to the most efficient prototype and complete contract actions for consolidated procurement of kits for the CMF. Funding will allow USCYBERCOM to initiate procurement of the JCHK and move them into the CMF inventory for mission prosecution.</p> <p>Funding supports sustainment of current kits procured and deployed using Service contracts until refresh cycles are completed.</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b>                      In FY 2024 19.5 was in RDT&amp;E project code CY09, 46.753 was in Procurement, and 24.3 was in O&amp;M, assumed efficiencies account for decreases.</p> <p>The FY 2025 transition of former Procurement and O&amp;M DMSS funds and RDT&amp;E BA07 to BA08 results in no FY 2025 USCYBERCOM increase since the additional RDTE funding is balanced by Proc/O&amp;M decreases.</p> <p>For FY 2025 and beyond USCYBERCOM changed the project structure to more clearly align budget activities and appropriations.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	85.168

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D1 / <i>Data &amp; Sensors DMSS Kits</i>

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

N/A

**Remarks**

**D. Acquisition Strategy**

The Data & Sensors program acquisition strategy leverages existing SCC developed DMSS equipment to sustain DCO capabilities as USCYBERCOM establishes the robust, standardized JCHK program. The JCHK program objectives include the following: standardize CPT equipment maintenance/operator training programs; standardize software and hardware refresh; and standardize repair and replacement processes and schedules across the CMF. Contracts will be awarded under full and open competition whenever possible. Data & Sensors will leverage a Defensive Innovative Unit Other Transactional (OT) authority to award a Prototype Agreement supporting the rapid development of a JCHK prototype. OT procedures allow for successful prototype transition into a large production contract. The Data & Sensors acquisition strategy begins phased CPT equipment transition to the new JCHK starting in FY 2026.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2025 United States Cyber Command</b>	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D1 / <i>Data &amp; Sensors DMSS Kits</i>
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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			
DMSS Kits	C/Various	Various : Various	-	-		0.000		85.168	Oct 2025	-		85.168	Continuing	Continuing	-
<b>Subtotal</b>			-	-		0.000		85.168		-		85.168	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		0.000		85.168		-		85.168	Continuing	Continuing	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile:** PB 2025 United States Cyber Command **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D1 / <i>Data &amp; Sensors DMSS Kits</i>
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**Schedule Details**

Event Name	FY24				FY25				FY26				FY27				FY28				FY29			
	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>Data/Sensors</b>																								
DMSS																								
DMSS Kits																								
Annual Software Updates																								

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2025 United States Cyber Command		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0306250JCY / <i>Cyber Operations Technology Support</i>	<b>Project (Number/Name)</b> CY50D1 / <i>Data &amp; Sensors DMSS Kits</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Sensors</b>				
Sensor event	1	2025	4	2029