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

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305881F / <i>Rapid Cyber Acquisition</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	-	3.636	8.830	0.000	0.000	0.000	0.000	0.000	0.000	10.746	0.000	23.212
670374: <i>Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt</i>	-	3.636	8.830	0.000	0.000	0.000	0.000	0.000	0.000	10.746	0.000	23.212
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

Note

In FY 2025, PE 0305881F, (Rapid Cyber Acquisition), Project 670374, (Electronic Combat Support C3 Protection/Multi-Mission, Technology and Support) efforts were transferred to PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations), in order to consolidate Air Force Offensive Cyber development.

A. Mission Description and Budget Item Justification

The Rapid Cyber Acquisition (RCA) initiative is a materiel (hardware, software, and tool development) and non-materiel (technical support) effort to enable delivery of new cyber capabilities at the pace of warfighting relevance. Combatant and Joint Force Commanders require up-to-date, tailored cyber capabilities to win in the highly-dynamic cyberspace domain.

The RCA initiative expedites cyber development and modifications of USAF cyber capabilities through integration with and technical support to other Service and Government Agency activities to leverage select Air Force-developed technologies and/or operational capabilities. RCA provides for rapid development of materiel and non-materiel cyber solutions necessary to conduct rapid prototyping, integration, and transition activities of cyber capabilities. Activities include but are not limited to development of software/hardware systems, integration and transition of lab-developed cyber capabilities, developmental testing, operational evaluation, manpower, studies, analysis, pilots, demonstrations, and risk reduction efforts for emerging technologies.

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

The FY24 funding request increased \$5.733 million due to mission infrastructure and emerging technology efforts and the associated acquisition costs.

The FY24 funding request was reduced by \$0.642 million to account for the availability of prior year execution balances.

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. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	3.739	8.830	9.705	0.000	9.705
Current President's Budget	3.636	8.830	0.000	0.000	0.000
Total Adjustments	-0.103	0.000	-9.705	0.000	-9.705
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.103	0.000			
• Other Adjustments	0.000	0.000	-9.705	0.000	-9.705

Change Summary Explanation

In FY 2025, PE 0305881F, (Rapid Cyber Acquisition), Project 670374, (Electronic Combat Support C3 Protection/Multi-Mission, Technology and Support) efforts were transferred to PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations), in order to consolidate Air Force Offensive Cyber development.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Rapid Cyber Acquisition (RCA)	3.636	8.830	0.000	0.000	0.000
Description: Effort utilizes hardware, software, and technical support services to deliver the tools and environments required to perform rapid prototyping, integration, and transition activities for cyber capabilities, enabling quick reaction fielding of up-to-date capabilities required by Combatant and Joint Force Commanders.					
FY 2024 Plans:					
- Continue to maintain and execute multidisciplinary targeting, target systems analysis, and developmental planning capabilities in support of the USAF cyber mission					
- Continue to utilize developed solutions to plan standardized environments, add hardware-in-the-Loop capabilities, deploy to edge devices, and build an authoritative pipeline solution to meet cyber operator requirements					
- Continue to host and facilitate skilled cyberweapon development teams to prototype and deliver capabilities, and perform quick look operational and technical assessments					

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Continue to research, develop, test, and deliver new features to improve new and existing cyber warfare capabilities FY 2025 Base Plans: N/A FY 2025 OCO Plans: N/A FY 2024 to FY 2025 Increase/Decrease Statement: Funding decreases due to transfer of PE 0305881F, (Rapid Cyber Acquisition), Project 670374, (Electronic Combat Support C3 Protection/Multi-Mission, Technology and Support) efforts to PE 0208087F, (Distributed Cyber Warfare Operations), Project 674543, (AF Offensive Cyber Operations).					
Accomplishments/Planned Programs Subtotals	3.636	8.830	0.000	0.000	0.000

D. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

E. Acquisition Strategy

The Rapid Cyber Acquisition (RCA) initiative utilizes a tailorable acquisition strategy that facilitates rapid delivery of material and nonmaterial solutions to solve operational cyber requirements. This approach allows flexibility for solutions to enter the acquisitions process at any phase of the acquisition life cycle. RCA provides the rapid development environment and secure DevOps capacity to meet urgent operational needs/requirements.

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305881F / <i>Rapid Cyber Acquisition</i>	Project (Number/Name) 670374 / <i>Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt</i>

	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<i>Rapid Cyber Acquisition</i>																												
RCA Activities	[REDACTED]																											

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force		Date: March 2024
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0305881F / <i>Rapid Cyber Acquisition</i>	Project (Number/Name) 670374 / <i>Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Rapid Cyber Acquisition</i>				
RCA Activities	1	2023	4	2024