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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 0301377F / <i>Countering Advanced Conventional Weapons (CACW)</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	1.668	0.000	1.668	1.120	1.337	1.597	1.630	Continuing	Continuing
675306: <i>Analysis Enterprise</i>	-	0.000	0.000	1.668	0.000	1.668	1.120	1.337	1.597	1.630	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note
This program, BA 7, PE 0301377F, project 675306, CACW Production Tools, is a new start.

A. Mission Description and Budget Item Justification

Countering Advanced Conventional Weapons is a DoD effort established in FY23 to increase Science & Technical Intelligence (S&TI) assessments and Modeling and Simulation (M&S) efforts to increase survivability and mission success.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY2023 \$0.894M was expended for civilian pay expenses in this program element, and in FY2024 \$3.868M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	1.668	0.000	1.668
Total Adjustments	0.000	0.000	1.668	0.000	1.668
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	1.668	0.000	1.668

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Change Summary Explanation

FY25 increase will fund the development of advanced analytic tools and information technology (IT) critical to technical intelligence needs of the Defense Intelligence Enterprise.

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

	FY 2023	FY 2024	FY 2025
<p>Title: CACW Production Tools</p> <p>Description: Creation of advanced analytic tool and IT capabilities critical to production needs focusing on Machine Learning, operations research analysis, advanced software configuration & development, and external assistance for proper set-up and prototyping execution of system-of-systems simulations.</p> <p>FY 2024 Plans: No funding provided.</p> <p>FY 2025 Plans: Develop tools and IT needs for S&TI needs to facilitate the creation and delivery of multi-domain, cross-functional technical simulation & modeling analysis.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: FY25 increase will fund the development of advanced analytic tools and information technology (IT) critical to technical intelligence needs of the Defense Intelligence Enterprise.</p>	-	0.000	1.668
Accomplishments/Planned Programs Subtotals	-	0.000	1.668

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

N/A

Remarks

E. Acquisition Strategy

Contract type and strategy will be assessed each year; however, it is anticipated to be a mix of contract types.

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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 0301377F / <i>Countering Advanced Conventional Weapons (CACW)</i>	Project (Number/Name) 675306 / <i>Analysis Enterprise</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

CACW Tool Development																												
1.668																												

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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 0301377F / <i>Countering Advanced Conventional Weapons (CACW)</i>	Project (Number/Name) 675306 / <i>Analysis Enterprise</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CACW Tool Development				
1.668	1	2025	4	2029