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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 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0207412F <i>I Control and Reporting Center (CRC)</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	2.005	2.012	0.000	2.012	0.000	0.000	0.000	0.000	0.000	4.017
635321: <i>C4I Battlespace Dev & Demo</i>	-	0.000	2.005	2.012	0.000	2.012	0.000	0.000	0.000	0.000	0.000	4.017
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Air Force does not have an enterprise solution for multi-domain battlespace awareness and command and control (C2) tools below the Air Operations Center (AOC) level. This presents significant challenges in obtaining a Common Operating Picture (COP) capable of disaggregation from the AOC, particularly at Anderson AFB, Guam which is the center hub in the Air Force's Agile Combat Employment (ACE) capability in the Pacific. Sharing a COP with the AOC is essential at peacetime for defense and at wartime for conducting operations, and the lack of a current solution further complicates the conduct of ACE operations.

Incorporating emerging technology into major operational exercises informs and refines Warfighter requirements and provides opportunities for early adoption and Tactics, Techniques, and Procedures (TTPs) development. Utilizing operationally relevant conditions also provides early opportunities for learning and materiel deficiency discovery. Efforts explore technology advancement to provide a common operating picture in support of Agile Combat Employment (ACE).

FY2025 funds will be used to develop and incorporate the latest commercial or government solutions into our operations to help identify best-of-breed technology, permit feedback to developers for improvements and refine operational tactics, techniques, and procedures (TTPs) for the conduct of ACE. Deployment will initially be in Guam to enable learning and assessment of tools under real operating conditions and crucially to create a sub-AOC COP at the heart of our ACE operations in the Pacific immediately. Funds will be used to support experimentation with and deployment of the sub-AOC capability including TTP delineation.

Fiscal Year (FY) 2025 Pacific Deterrence Initiative (PDI) funding accounted for in the Base budget total [\$2.012M] supports Battlespace Awareness.

This program is in Budget Activity 3, Advanced Technology Development because this budget activity includes development of subsystems and components and efforts to integrate subsystems and components into system prototypes for field experiments and/or tests in a simulated environment.

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B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	
Previous President's Budget	0.000	2.005	2.012	0.000	2.012	
Current President's Budget	0.000	2.005	2.012	0.000	2.012	
Total Adjustments	0.000	0.000	0.000	0.000	0.000	
• Congressional General Reductions	0.000	0.000				
• Congressional Directed Reductions	0.000	0.000				
• Congressional Rescissions	0.000	0.000				
• Congressional Adds	0.000	0.000				
• Congressional Directed Transfers	0.000	0.000				
• Reprogrammings	0.000	0.000				
• SBIR/STTR Transfer	0.000	0.000				
• Other Adjustments	0.000	0.000	0.000	0.000	0.000	
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2023	FY 2024	FY 2025
Title: C2/Battlespace Awareness Tools				0.000	2.005	2.012
Description: Integrating emerging technologies into major exercises						
FY 2024 Plans: Identify, develop, integrate and field emerging technologies Testing of tools to provide a common operating picture						
FY 2025 Plans: Continue to identify, develop, integrate and field emerging technologies Continue to test tools to provide a common operating picture						
FY 2024 to FY 2025 Increase/Decrease Statement: Minimal change captures inflation adjustment						
Accomplishments/Planned Programs Subtotals				0.000	2.005	2.012
D. Other Program Funding Summary (\$ in Millions) N/A						
Remarks						
E. Acquisition Strategy N/A						