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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 0207438F / <i>Theater Battle Management (TBM) C4I</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	-	5.647	6.467	4.873	0.000	4.873	6.829	6.968	7.221	7.364	Continuing	Continuing
675218: <i>Applications Development</i>	-	5.647	6.467	4.873	0.000	4.873	6.829	6.968	7.221	7.364	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This budget line funds joint partner requirements of the Air Operations Center (AOC) Weapon System Modification effort. Applications Development efforts deliver capabilities identified in the Joint Command and Control (JC2) Capability Development Document (CDD) (2013) and are executed under the Development, Security, and Operations (DevSecOps) Software Acquisition Pathway Program. Applications Development provides worldwide operational capabilities for Air Force Command and Control (C2) in support of DoD, Coalition Partners, and other government agencies. These efforts focus on support to the Joint Forces Air Component Commander (JFACC), who provides air, space and cyber support to other AF and Joint Services C2 systems. This program is dependent on the All Domain Common Platform (ADCP), which provides an extensible cloud-based Infrastructure and Platform as a Service (IaaS/PaaS) hosting platform built to deliver highly resilient mission applications and data to Airmen deployed around the world.

In FY25, Applications Development will focus on providing necessary software capabilities to build, disseminate, and execute the Master Air Attack Plan (MAAP). Applications Development also provides an Airspace Management tool used for building airspaces, evaluating requests, and instantaneously generating the Airspace Control Order (ACO). These efforts deliver modern software for inclusion to the AOC Weapon System Modifications program to replace the Master Air Attack Plan-Toolkit (MAAPTK) and components of Theater Battle Management Core System - Force Level (TBMCS FL).

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such program funding would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, and 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.

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	5.851	6.467	6.650	0.000	6.650
Current President's Budget	5.647	6.467	4.873	0.000	4.873
Total Adjustments	-0.204	0.000	-1.777	0.000	-1.777
• 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	-0.204	0.000			
• Other Adjustments	0.000	0.000	-1.777	0.000	-1.777

Change Summary Explanation

The FY 2025 funding request was reduced by \$1.785 million to account for the availability of prior year execution balances.
The FY 2025 funding request was increased by \$0.008 million to account for inflation adjustments.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: C2 Applications Development	5.647	6.467	4.873
Description: Employ agile software development methodologies to engineer, integrate, and test modern C2 software capabilities leveraging test-driven development. Provide engineering solutions, test, and deliver effective operational C2 capabilities utilizing continuous integration and continuous delivery (CI/CD) processes.			
FY 2024 Plans: - To deliver software to AOC WS Modifications to incrementally replace MAAPTK and portions of TBMCS FL			
FY 2025 Plans: - Will continue delivery of software to AOC WS Modifications to incrementally replace MAAPTK and portions of TBMCS FL			
FY 2024 to FY 2025 Increase/Decrease Statement: FY25 funding decreased due to the availability of prior year execution balances.			
Accomplishments/Planned Programs Subtotals	5.647	6.467	4.873

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

<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF 03 833140: <i>Strategic Command And Control</i>	30.738	9.991	5.431	-	5.431	1.862	1.906	28.700	29.267	Continuing	Continuing
• RDTE 07 0303248F: <i>All Domain Common Platform</i>	44.989	71.296	82.927	-	82.927	87.575	92.589	88.829	90.583	Continuing	Continuing

Remarks

E. Acquisition Strategy

The acquisition strategy builds on agile development and modification of existing capabilities using evolutionary acquisition to standardize and modernize C2 Applications Development. C2 Applications Development will operate under authority of a Software Acquisition Pathway.

Program management for the C2 Applications Development is under direction of PEO Digital, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA is the contracting authority for C2 Applications Development. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.

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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 0207438F / Theater Battle Management (TBM) C4I	Project (Number/Name) 675218 / Applications Development

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

Applications Development	
C2 Applications Development	

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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 0207438F / Theater Battle Management (TBM) C4I	Project (Number/Name) 675218 / Applications Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Applications Development				
C2 Applications Development	1	2023	4	2029