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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 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0207448F / <i>C2ISR Tactical Data Link</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	42.371	0.000	42.371	43.311	0.000	0.000	0.000	0.000	85.682
644413: E-7	-	0.000	0.000	42.371	0.000	42.371	43.311	0.000	0.000	0.000	0.000	85.682
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note
This program, BA 4, PE 0207448F, project 644413, E-7 Internet Protocol (IP) Beyond Line of Sight (BLOS), is a new start.

A. Mission Description and Budget Item Justification
This budget line funds the E-7 IP-BLOS. The E-7 replaces the unsustainable E-3 Airborne Warning and Control System (AWACS). The E-3 AWACS, first fielded in the 1970s, is at the end of its service life, and costly to maintain. The E-7 will be the USAF's principal airborne sensor for detecting, identifying, tracking, and reporting aerial tracks for the Joint Force Air Component Commander (JFACC).

FY25 funding continues Department of the Air Force Battle Network connectivity, Internet Protocol Beyond Line-of-Sight Communications and Data link, and similar COMM/data studies and analysis to determine ability to add additional hybrid SATCOM or similar hardware on the aircraft, software coding, and other advanced communications not included in the E-7A Rapid Prototyping Baseline.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	42.371	0.000	42.371
Total Adjustments	0.000	0.000	42.371	0.000	42.371
• 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	42.371	0.000	42.371

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Title: E-7 Internet Protocol (IP) Beyond Line of Sight (BLOS) Description: E-7 IP-BLOS Funds will be used to acquire IP-BLOS capability for the E-7 platform. FY 2025 Plans: E-7 Rapid Prototyping effort will incorporate E-7 IP-BLOS capability into the baseline. FY 2024 to FY 2025 Increase/Decrease Statement: FY25 New Start	-	-	42.371
Accomplishments/Planned Programs Subtotals	-	-	42.371

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>
• RDTE 04 0604007F: E-7	411.704	681.039	418.513	-	418.513	297.334	161.838	167.697	171.006	0.000	2,309.131

Remarks

E. Acquisition Strategy
 The Milestone Decision Authority for the E-7 program is the Assistant Secretary of the Air Force for Acquisition, Technology, and Logistics. Program management for the E-7 program is under direction of PEO Digital, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center located at Wright-Patterson AFB, OH is the contracting authority for the E-7A program. 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 / 4	R-1 Program Element (Number/Name) PE 0207448F / C2ISR Tactical Data Link	Project (Number/Name) 644413 / E-7
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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

E-7 IP-BLOS 0207448F	
E-7 IP-BLOS RP	[REDACTED]

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force **Date:** March 2024

Appropriation/Budget Activity 3600 / 4	R-1 Program Element (Number/Name) PE 0207448F / <i>C2ISR Tactical Data Link</i>	Project (Number/Name) 644413 / E-7
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>E-7 IP-BLOS 0207448F</i>				
E-7 IP-BLOS RP	2	2025	4	2026