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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 0305146F / <i>Defense Joint Counterintelligence Activities</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	-	8.328	6.930	6.387	0.000	6.387	6.545	6.680	6.921	7.058	Continuing	Continuing
671931: <i>TECH SURVEIL COUNTER MEAS EQPT</i>	-	8.328	6.930	6.387	0.000	6.387	6.545	6.680	6.921	7.058	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Technical Surveillance Countermeasures (TSCM) develops future technologies capable of thwarting advanced hostile force and foreign intelligence technical capabilities. The technologies will provide secure environments for austere mission planning locations and theater commander centers, and will collect information for counterintelligence (CI) operations in support of DoD and AF requirements.

CI Cyber activities enable the Department of the Air Force Office of Special Investigations to detect and neutralize covert activities conducted by Foreign Intelligence Entities seeking to compromise classified or sensitive information in cyberspace. The technologies provided will enhance state of the art capabilities to detect and neutralize criminal activities targeted against sensitive and classified AF and DoD information, activities, and technology.

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 FY23 0.0M was expended for civilian pay expenses in this program element, and in FY24 0.0M 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	8.328	6.930	6.375	0.000	6.375	
Current President's Budget	8.328	6.930	6.387	0.000	6.387	
Total Adjustments	0.000	0.000	0.012	0.000	0.012	
• 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	0.012	0.000	0.012	
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2023	FY 2024	FY 2025
Title: Technical Surveillance Countermeasures (TSCM)				0.527	0.412	0.382
Description: TSCM will develop future technologies capable of thwarting advanced, hostile force technical capabilities. They will be developed to provide secure environments to austere mission planning locations, theater commander centers, and will collect information for counterthreat operations in support of DoD and AF requirements.						
FY 2024 Plans: Continue advancement of counterintelligence equipment and software.						
FY 2025 Plans: Will continue advancement of counterintelligence equipment and software.						
FY 2024 to FY 2025 Increase/Decrease Statement: Decrease due to baseline decrease.						
Title: Cyber Counterintelligence Pilot				7.801	6.518	6.005
Description: This effort builds OSI's cyber enclave to support various lines of effort, including COPPER CASTLE, JUPITER SENTINEL, and broader cyber threat pursuit activities.						
FY 2024 Plans: Continue R&D for new iterations of Cyber Threat Pursuit Activities, COPPER CASTLE, and JUPITER SENTINEL.						
FY 2025 Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Will continue R&D for new iterations of Cyber Threat Pursuit Activities, COPPER CASTLE, and JUPITER SENTINEL.			
<i>FY 2024 to FY 2025 Increase/Decrease Statement:</i> Decrease due to baseline decrease.			
Accomplishments/Planned Programs Subtotals	8.328	6.930	6.387

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 0305146F: <i>Defense Joint Counter Intelligence Program</i>	2.733	2.316	-	-	-	-	-	-	-	-	Continuing Continuing

Remarks

E. Acquisition Strategy
 Defense Joint Counterintelligence Program TSCM funds will be obligated on existing contracts with Naval Research Labs and DARPA. Counterintelligence (CI) Cyber funding will be obligated on an existing Air Force contract with MIT/Lincoln Labs, Sandia National Labs, and Air Force Research Labs.

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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 0305146F / <i>Defense Joint Counterintelligence Activities</i>	Project (Number/Name) 671931 / <i>TECH SURVEIL COUNTER MEAS EQPT</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

Technical Countermeasures Equipment & Cyber Research & Development

Develop Counterintelligence Equipment and Software

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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 0305146F / <i>Defense Joint Counterintelligence Activities</i>	Project (Number/Name) 671931 / <i>TECH SURVEIL COUNTER MEAS EQPT</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Technical Countermeasures Equipment & Cyber Research & Development</i>				
Develop Counterintelligence Equipment and Software	1	2023	4	2029