

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force **Date:** April 2022

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>
--	---

COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	4.881	8.733	8.328	0.000	8.328	7.009	6.338	6.471	6.615	Continuing	Continuing
671931: <i>TECH SURVEIL COUNTER MEAS EQPT</i>	-	4.881	8.733	8.328	0.000	8.328	7.009	6.338	6.471	6.615	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 FY21 0.000M was expended for civilian pay expenses in this program element, and in FY22 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.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force	Date: April 2022
--	-------------------------

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>
--	---

B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	4.881	8.733	0.000	0.000	0.000
Current President's Budget	4.881	8.733	8.328	0.000	8.328
Total Adjustments	0.000	0.000	8.328	0.000	8.328
• 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	8.328	0.000	8.328

Change Summary Explanation

The FY 2022 President's Budget submittal did not reflect FY 2023 through FY 2026 funding. Therefore, an explanation of the change between the two budget positions cannot be made in a relevant manner.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2021	FY 2022	FY 2023
<p>Title: Technical Surveillance Countermeasures (TSCM)</p> <p>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.</p> <p>FY 2022 Plans: Continue advancement of BLUE LANCER</p> <p>FY 2023 Plans: Continue advancement of counterintelligence equipment and software</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: N/A</p>	0.386	0.526	0.527
<p>Title: Cyber Counterintelligence Pilot</p> <p>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.</p> <p>FY 2022 Plans:</p>	4.495	8.207	7.801

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force	Date: April 2022
--	-------------------------

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>
--	---

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2021	FY 2022	FY 2023
Continue R&D for new iterations of Cyber Threat Pursuit Activities, COPPER CASTLE, and JUPITER SENTINEL.			
<i>FY 2023 Plans:</i> Continue R&D for new iterations of Cyber Threat Pursuit Activities, COPPER CASTLE, and JUPITER SENTINEL.			
<i>FY 2022 to FY 2023 Increase/Decrease Statement:</i> Decreased to support other higher priority Air Force requirements.			
Accomplishments/Planned Programs Subtotals	4.881	8.733	8.328

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPAF 03 0305146F: <i>Defense Joint Counter Intelligence Program</i>	2.507	2.691	2.733	-	2.733	-	-	-	-	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.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2023 Air Force		Date: April 2022
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 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
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

<i>Develop Cyber CI/Copper Castle</i>	
Develop Counterintelligence Equipment and Software	

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2023 Air Force		Date: April 2022
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>Develop Cyber CI/Copper Castle</i>				
Develop Counterintelligence Equipment and Software	1	2021	4	2027