

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force										Date: May 2017		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305146F I Defense Joint Counterintelligence Activities							
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	-	0.361	0.339	3.867	0.000	3.867	3.873	3.880	3.887	3.895	Continuing	Continuing
671931: TECH SURVEIL COUNTER MEAS EQPT	-	0.361	0.339	3.867	0.000	3.867	3.873	3.880	3.887	3.895	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 technical capabilities. The technologies will provide secure environments for austere mission planning locations and theater commander centers, and will collect information for counterthreat operations in support of DoD and AF requirements.

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.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2016</u></b>	<b><u>FY 2017</u></b>	<b><u>FY 2018 Base</u></b>	<b><u>FY 2018 OCO</u></b>	<b><u>FY 2018 Total</u></b>
Previous President's Budget	0.361	0.339	0.366	0.000	0.366
Current President's Budget	0.361	0.339	3.867	0.000	3.867
Total Adjustments	0.000	0.000	3.501	0.000	3.501
• 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	3.501	0.000	3.501

## **Change Summary Explanation**

Funds were added to continue a pilot program that was started in a classified PE. Additional FY2018 funding will continue to mature the pilot program.

<b><u>C. Accomplishments/Planned Programs (\$ in Millions)</u></b>	<b><u>FY 2016</u></b>	<b><u>FY 2017</u></b>	<b><u>FY 2018</u></b>
<b><i>Title:</i></b> Defense Joint Counterintelligence Program	0.361	0.339	0.366

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
<p><b>Description:</b> 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><b>FY 2016 Accomplishments:</b> Continue research and development of advanced systems to provide support to counterthreat operations and other austere and contingency areas as needed.</p> <p><b>FY 2017 Plans:</b> Continue research and development of advanced systems to provide support to counterthreat operations and other austere and contingency areas as needed.</p> <p><b>FY 2018 Plans:</b> These funds continue to support the development of a suite of specialized law enforcement and counterintelligence restricted tools needed to exploit cyberspace, digital media storage and mobile audio/visual/data communications for the collection of evidence against a wide variety of serious offenses and develop next generation Technical Surveillance Countermeasures (TSCM) to defend against emerging foreign technical intelligence capabilities targeting sensitive protected information for exploitation.</p>				
<p><b>Title:</b> Counterintelligence Pilot</p> <p><b>Description:</b> N/A</p> <p><b>FY 2018 Plans:</b> Continue the development of a suite of specialized law enforcement and counterintelligence restricted tools needed to exploit cyberspace, digital media storage and mobile audio/visual/data communications for the collection of evidence against a wide variety of serious offenses. Funds will also be used to develop next generation Technical Surveillance Countermeasures (TSCM) to defend against emerging foreign technical intelligence capabilities targeting sensitive protected information for exploitation.</p>		-	-	3.501
<b>Accomplishments/Planned Programs Subtotals</b>		0.361	0.339	3.867
<b>D. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>E. Acquisition Strategy</b>				
Defense Joint Counterintelligence Program funds will be obligated on competitively awarded contracts. Counterintelligence pilot funding will be obligated on an existing Air Force contract with MIT/Lincoln Labs.				

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<b>F. Performance Metrics</b> Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.		