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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2022 Air Force **Date:** May 2021

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0301401F / <i>Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	3.575	1.382	2.463	0.000	2.463	-	-	-	-	-	-
67A051: <i>Space Superiority - Advanced Intelligence Systems</i>	-	3.575	1.382	2.463	0.000	2.463	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

This program, BA 07 PE 0301401F, project 67A051, Cross Domain Tactical OPIR Processing, is a new start.

Air Force Space and Cyber Non-Traditional Intelligence, Surveillance & Reconnaissance (ISR) for Battlespace Awareness PE 0301401F - P-40A  
 Cross Domain Overhead Persistent Infrared (OPIR): Cross Domain Tactical OPIR Processing delivers a mechanism providing reach-back support for battlespace awareness functions and manages the timely transfer of newly developed tools to operational users.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605831F. In FY20 \$0M was expended for civilian pay expenses in this program element, and in FY21 \$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.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2020</u></b>	<b><u>FY 2021</u></b>	<b><u>FY 2022 Base</u></b>	<b><u>FY 2022 OCO</u></b>	<b><u>FY 2022 Total</u></b>
Previous President's Budget	3.575	2.904	3.180	0.000	3.180
Current President's Budget	3.575	1.382	2.463	0.000	2.463
Total Adjustments	0.000	-1.522	-0.717	0.000	-0.717
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-1.522			
• 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	-0.717	0.000	-0.717

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<b><u>Change Summary Explanation</u></b> Undistributed Reduction - Excess to need.				
<b><u>C. Accomplishments/Planned Programs (\$ in Millions)</u></b>		<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<b><i>Title:</i></b> TAC OPIR Processing		3.575	1.382	2.463
<b><i>Description:</i></b> Develop tactical OPIR processing comprised of software development, controlled multi-level security interface that provides data access and processing services for a robust and flexible network architecture.				
<b><i>FY 2021 Plans:</i></b> Tactical OPIR processing				
<b><i>FY 2022 Plans:</i></b> Tactical OPIR processing				
<b><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i></b> Increased development activities				
<b>Accomplishments/Planned Programs Subtotals</b>		3.575	1.382	2.463
<b><u>D. Other Program Funding Summary (\$ in Millions)</u></b> N/A				
<b><u>Remarks</u></b>				
<b><u>E. Acquisition Strategy</u></b> All contracts funded in this program will be awarded using competitive procedures to the maximum extent possible.				



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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2022 Air Force</b>		<b>Date: May 2021</b>
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0301401F / Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness	<b>Project (Number/Name)</b> 67A051 / Space Superiority - Advanced Intelligence Systems

	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	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

<b>Cross Domain OPIR</b>																												
Algorithm Development																												
<b>Tactical OPIR Processing</b>																												
Hardware Purchases, Software Development																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2022 Air Force		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0301401F / Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness	<b>Project (Number/Name)</b> 67A051 / Space Superiority - Advanced Intelligence Systems

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Cross Domain OPIR</i></b>				
Algorithm Development	1	2020	4	2026
<b><i>Tactical OPIR Processing</i></b>				
Hardware Purchases, Software Development	1	2020	4	2026