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

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 0208288F / <i>Intel Data Applications</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	-	1.156	1.224	0.493	0.000	0.493	-	-	-	-	-	-
67A051: <i>Space Superiority - Advanced Intelligence Systems</i>	-	1.156	1.224	0.493	0.000	0.493	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Funds the application of Intelligence data as datasets/databases, model and simulations, and analysis for combat and combat support users. Provides for the communications infrastructures required to support Intelligence data applications. May include software and contract assistance to ensure system interoperability for Intelligence data discovery, retrieval, and dissemination. Includes manpower, procurement, and operations and maintenance funding.

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. Program Change Summary (\$ in Millions)

	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	1.200	1.224	1.137	0.000	1.137
Current President's Budget	1.156	1.224	0.493	0.000	0.493
Total Adjustments	-0.044	0.000	-0.644	0.000	-0.644
• 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	-0.044	0.000	-0.644	0.000	-0.644

C. Accomplishments/Planned Programs (\$ in Millions)

	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>
Title: Radar Dynamic Cueing	1.156	1.224	0.493
Description: Develop algorithm to dynamically cue radar assets to increase collection capability and data relevance.			
FY 2021 Plans:			

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
Dynamic radar targeting				
FY 2022 Plans: Dynamic radar targeting				
FY 2021 to FY 2022 Increase/Decrease Statement: Decrease in requirement				
Accomplishments/Planned Programs Subtotals		1.156	1.224	0.493
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy This effort will be supported via the NASIC ATEP II contract. The project will be delivered 12 months from the date of obligation (approximately May 2019).				

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208288F / <i>Intel Data Applications</i>	Project (Number/Name) 67A051 / <i>Space Superiority - Advanced Intelligence Systems</i>

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

<i>Radar Dynamic Cueing</i>	
Algorithm Development	

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Air Force		Date: May 2021
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0208288F / <i>Intel Data Applications</i>	Project (Number/Name) 67A051 / <i>Space Superiority - Advanced Intelligence Systems</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Radar Dynamic Cueing</i>				
Algorithm Development	1	2020	4	2026