Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force											Date: February 2018	
Appropriation/Budget Activity 3600: *Research, Development, Test & Evaluation, Air Force I* BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 0208288F *I Intel Data Applications*						

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	0.000	1.200	1.200	0.000	0.000	0.000	0.000	0.000	1.200
67A051: *Space Superiority - Advanced Intelligence Systems*	-	0.000	0.000	0.000	1.200	1.200	0.000	0.000	0.000	0.000	0.000	1.200
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.

BA7- 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.

Intel Data Applications PE 0208288F - R2 FY19 Funding provides algorithm development to dynamically cue radar assets to increase collection capability and data relevance.

B. Program Change Summary ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	0.000	1.200	1.200
Total Adjustments	0.000	0.000	0.000	1.200	1.200
• 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	0.000	1.200	1.200

C. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Radar Dynamic Cueing	-	0.000	0.000	1.200	1.200

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2019 Air Force	**Date:** February 2018
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C. Accomplishments/Planned Programs ($ in Millions)	**FY 2017**	**FY 2018**	**FY 2019 Base**	**FY 2019 OCO**	**FY 2019 Total**
Description: Develop algorithm to dynamically cue radar assets to increase collection capability and data relevance. *FY 2018 Plans:* Not Applicable *FY 2019 Base Plans:* Not Applicable *FY 2019 OCO Plans:* Utilize multiple data sources/cues to dynamically target the radar in response to high priority Red Force events of interest. *FY 2018 to FY 2019 Increase/Decrease Statement:* New Program Requirements					
Accomplishments/Planned Programs Subtotals	-	0.000	0.000	1.200	1.200

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).

F. Performance Metrics
 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.

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| **Exhibit R-3**, RDT&E Project Cost Analysis: PB 2019 Air Force | | | | | | | | | | | | | | **Date:** February 2018 | | |

Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0208288F *I Intel Data Applications*	**Project (Number/Name)** 67A051 *I Space Superiority - Advanced Intelligence Systems*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
NASIC ATEP II	TBD	NASIC : Dayton, OH	-	0.000		0.000		0.000		1.200	May 2019	1.200	Continuing	Continuing	-
		Subtotal	-	0.000		0.000		0.000		1.200		1.200	Continuing	Continuing	N/A

	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	0.000	0.000	0.000	1.200	1.200	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 I 7	**R-1 Program Element (Number/Name)** PE 0208288F I *Intel Data Applications*	**Project (Number/Name)** 67A051 I *Space Superiority - Advanced Intelligence Systems*

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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
Radar Dynamic Cueing																												
Algorithm Development										█	█	█	█															

Exhibit R-4A, **RDT&E Schedule Details:** PB 2019 Air Force		**Date:** February 2018
Appropriation/Budget Activity 3600 *I* 7	**R-1 Program Element (Number/Name)** PE 0208288F *I Intel Data Applications*	**Project (Number/Name)** 67A051 *I Space Superiority - Advanced Intelligence Systems*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
Radar Dynamic Cueing				
Algorithm Development	3	2019	3	2020