

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Air Force** **Date:** March 2023

<b>Appropriation/Budget Activity</b> 3620F: <i>Research, Development, Test &amp; Evaluation, Space Force I BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 1203622SF / <i>Space Warfighting Analysis</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	3.568	0.000	3.568	4.970	5.074	5.075	5.181	Continuing	Continuing
646021: <i>Space Warfighting Analysis</i>	-	0.000	0.000	3.568	0.000	3.568	4.970	5.074	5.075	5.181	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**  
 This effort realigns Space Warfighting Analysis Center's (SWAC) APPN 3410 funding to align USSF and SpOC force design funding under SWAC's 3620 RDT&E baseline. This is not a new start.

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

This request funds increased scope towards capability area analyses and integration, modeling, wargaming, and experimentation to create operational concepts and force design guidance for existing and emerging USSF missions. These analyses efforts team with relevant stakeholders across the National Security Space enterprise from an independent perspective and will provide analytic insight to the Service to inform and/or validate solutions to operational needs and provide a basis for future capability development programs. USSF force design analyses are organized into three focus areas: Multi-Domain Sensing, Spectrum Warfare, and Force Design Integration which are aligned to USSF priorities, and follow a disciplined approach to discover, analyze, and validate concepts and the associated family of systems required to satisfy current/future mission needs while including comprehensive threat analysis. The resulting force design products will help define and inform future USSF mission requirements, capabilities/architectures, priorities and funding needs, and interface standards.

This program element includes necessary emergent/unanticipated civilian pay expenses required to manage and execute the force design mission assigned to the SWAC and/or deliver products for evolving weapon system capabilities.

This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	3.568	0.000	3.568
Total Adjustments	0.000	0.000	3.568	0.000	3.568
• 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	3.568	0.000	3.568

**Change Summary Explanation**

FY2024: realignment of civ pay expenses to from APPN 3410 to align USSF and SpOC force design funding under SWAC's RDT&E baseline.

<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> SWAC Workforce	-	0.000	3.568
<b>Description:</b> Provide professional government civilian acquisition workforce in support of the Space Warfighting Analysis Center. Activities may include, but are not limited to program office support, studies, technical analysis, prototyping, etc.			
<b>FY 2023 Plans:</b> NA			
<b>FY 2024 Plans:</b> Provide professional government civilian acquisition workforce in support of the Space Warfighting Analysis Center. Activities may include, but are not limited to program office support, studies, technical analysis, prototyping, etc.			
<b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase is for civ pay expenses.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	3.568

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

N/A

**Remarks**

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**E. Acquisition Strategy**

N/A