

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Air Force **Date:** March 2024

| | |
|--|---|
| Appropriation/Budget Activity 3620F: <i>Research, Development, Test & Evaluation, Space Force I BA 6: RDT&E Management Support</i> | R-1 Program Element (Number/Name) PE 1206862SF / <i>Tactically Responsive Space</i> |
|--|---|

| COST (\$ in Millions) | Prior Years | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total | FY 2026 | FY 2027 | FY 2028 | FY 2029 | Cost To Complete | Total Cost |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element | - | 48.243 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 48.243 |
| 664235: <i>Tactically Responsive Launch</i> | - | 48.243 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 48.243 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

Tactically Responsive Space will fund proof-of concept tactically responsive space demonstrations including launch, satellites, control systems, and concept of operations using emerging and extant commercial launch and satellite providers with the goal to place or replace military capability on orbit within 24 hours.

In FY 2024, Tactically Responsive Launch efforts were transferred to PE 1206862SF, Tactically Responsive Space, Project 643835, Tactically Responsive Space (TacRS), in Budget Activity 04, in order to encompass the full range of responsive space.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Tactically Responsive Space weapon system capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 1206392SF and 1206398SF.

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.

| B. Program Change Summary (\$ in Millions) | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 50.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Current President's Budget | 48.243 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total Adjustments | -1.757 | 0.000 | 0.000 | 0.000 | 0.000 |
| • 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 | -1.757 | 0.000 | | | |
| • Other Adjustments | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 664235: *Tactically Responsive Launch*

Congressional Add: *Tactically Responsive Space*

Congressional Add: *Tactically Responsive Space Additional Demo*

Congressional Add Subtotals for Project: 664235

Congressional Add Totals for all Projects

| | FY 2023 | FY 2024 |
|--|---------|---------|
| | - | 0.000 |
| | 48.243 | - |
| | 48.243 | 0.000 |
| | 48.243 | 0.000 |

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

Congressional Add: *Tactically Responsive Space*

FY 2024 Plans: N/A

Congressional Add: *Tactically Responsive Space Additional Demo*

FY 2023 Accomplishments: Demonstrates proof-of-concept tactically responsive space capabilities, including satellites, launch vehicles, control systems, and concept of operations using emerging and extant launch providers. Activities included concept design, studies of commercial capabilities and operations, technical analysis, launch service acquisition, prototyping, rideshare service acquisition, processing, launch services support, mission assurance, operations; and tactics, techniques, and procedures, program office support, etc. for demonstration of responsive space and launch.

Congressional Adds Subtotals

| | FY 2023 | FY 2024 |
|--|---------|---------|
| | - | 0.000 |
| | 48.243 | - |
| | 48.243 | 0.000 |

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

N/A

Remarks

E. Acquisition Strategy

The Space Force is utilizing new and existing open competitive launch service, space vehicle, and ground contracts, Small Business Innovative Research contracts, Other Transaction Authority (OTA) Agreements, and other contract vehicles to take advantage of evolving commercial capabilities for tactically responsive space.