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

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| Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)</i> | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime |
|--|--|

| 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 | - | 164.648 | 83.336 | 20.580 | 0.000 | 20.580 | 20.822 | 20.939 | 15.371 | 15.506 | Continuing | Continuing |
| 640856: <i>AFWERX Operations and Support</i> | - | 164.648 | 12.988 | 14.210 | 0.000 | 14.210 | 14.300 | 14.435 | 15.371 | 15.506 | Continuing | Continuing |
| 640858: <i>AFWERX Prime</i> | - | 0.000 | 70.348 | 6.370 | 0.000 | 6.370 | 6.522 | 6.504 | 0.000 | 0.000 | Continuing | Continuing |

A. Mission Description and Budget Item Justification

The AFWERX mission is to accelerate agile and affordable capability transitions by teaming innovative technology developers with Airmen and Guardian talent. AFWERX leverages Spark (the Airmen and Guardian talent base), AFVentures (the dual-use expanded technology base), and Prime (technology transitions) to scale and accelerate the capability. Funding in this project supports AFWERX research and development, innovation hubs, and information technology, public affairs, and marketing. The Spark mission is to inspire and enable Airmen and Guardians to unleash their collective talent and ingenuity. Spark connects innovators using virtual collaboration, immersive training, and networking opportunities to inspire ideas and cultivate a more lethal force. By connecting operators closer to acquisition processes, Spark provides both a voice and a conduit to accelerate powerful ideas into game-changing operational realities. This focus helps guide technologies through transition across the valley from idea to scaled and sustained capability. The AFWERX Program reduces risk in emerging technology markets by partnering with industries through Prime investments and providing access to Government analysis, testing and certification capabilities. Prime investments focus on Government-Industry partnerships to influence and militarize emerging commercial capabilities to ensure US competitive advantage in key technology areas.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver Technology Transfer capabilities. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F.

This program element may include necessary expenses to support the operation and maintenance of facilities to manage, execute, and deliver science and technology capabilities.

Beginning in FY 2023, funding for Project 640858 AFWERX Prime under Program 64858F Tech Transition transitioned to Project 640858 AFWERX Prime under this program per Congressional direction.

Beginning in FY 2024, PE 0604317F, Technology Transfer, Project 646030, AFWERX efforts, and Project 64317A, Technology Transfer Add, were transferred to PE 0604009F, AFWERX Prime, Project 640856 AFWERX Operations and Support.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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| Appropriation/Budget Activity | R-1 Program Element (Number/Name) |
| 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)</i> | PE 0604009F / AFWERX Prime |

| B. Program Change Summary (\$ in Millions) | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 170.860 | 83.336 | 11.812 | 0.000 | 11.812 |
| Current President's Budget | 164.648 | 83.336 | 20.580 | 0.000 | 20.580 |
| Total Adjustments | -6.212 | 0.000 | 8.768 | 0.000 | 8.768 |
| • 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 | -6.212 | 0.000 | | | |
| • Other Adjustments | 0.000 | 0.000 | 8.768 | 0.000 | 8.768 |

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

Project: 640856: *AFWERX Operations and Support*

Congressional Add: *Program increase- supersonic aircraft technologies*

Congressional Add: *Program increase- Agility Prime*

Congressional Add Subtotals for Project: 640856

Congressional Add Totals for all Projects

| | FY 2023 | FY 2024 |
|--|----------------|----------------|
| | 4.817 | - |
| | 48.170 | - |
| | 52.987 | - |
| | 52.987 | - |

Change Summary Explanation

The decrease in FY 2025 is due to Air Force re-prioritization of efforts.

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force | | | | | | | | | | Date: March 2024 | | |
| Appropriation/Budget Activity 3600 / 4 | | | | | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | | | | Project (Number/Name) 640856 / AFWERX Operations and Support | | | |
| 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 |
| 640856: AFWERX Operations and Support | - | 164.648 | 12.988 | 14.210 | 0.000 | 14.210 | 14.300 | 14.435 | 15.371 | 15.506 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

The AFWERX mission is to accelerate agile and affordable capability transitions by teaming innovative technology developers with Airmen and Guardian talent. AFWERX leverages Spark (the Airmen and Guardian talent base), AFVentures (the dual-use expanded technology base), and Prime (technology transitions) to scale and accelerate the capability. Funding in this project supports AFWERX research and development, innovation hubs, and information technology, public affairs, and marketing. The Spark mission is to inspire and enable Airmen and Guardians to unleash their collective talent and ingenuity. Spark connects innovators using virtual collaboration, immersive training, and networking opportunities to inspire ideas and cultivate a more lethal force. By connecting operators closer to acquisition processes, Spark provides both a voice and a conduit to accelerate powerful ideas into game-changing operational realities. This focus helps guide technologies through transition across the valley from idea to scaled and sustained capability.

Beginning in FY 2024, PE 0604317F, Technology Transfer, Project 646030, AFWERX efforts and Project 64317A, Technology Transfer Add were transferred to PE 0604009F, AFWERX Prime, Project 640856 AFWERX Operations and Support.

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

| | FY 2023 | FY 2024 | FY 2025 |
|---|----------------|----------------|----------------|
| Title: AFWERX | 0.000 | 12.988 | 14.210 |
| Description: Transition affordable and accelerated capabilities by teaming innovative technology developers with Airmen and Guardian talent. | | | |
| FY 2024 Plans: Continue development and sustainment of the Acquisition Workforce and organizational capabilities. Funding levels provide for full operational capability for core operations. Core operations include civilian billets, expanded Spark engagement, and dynamic hub and site initiatives. Spark funding delivers development and fielding of Airmen and Guardian centric program management tools to connect the innovation ecosystem, establishes a Joint Spark innovation incubator. Dynamic hub and site initiatives seeks to establish a dynamic hub/site posturing strategy that is consistent with the DIAL-In (Defense, Industry, Academia, and Local Government Investment) model, with phased expanded growth across the innovation/commercial ecosystem. | | | |
| FY 2025 Plans: Continue development and sustainment of the Acquisition Workforce, organizational capabilities, and Spark activities. Spark funding delivers development and fielding of Airmen and Guardian centric program management tools to connect the innovation ecosystem, establishes a Joint Spark innovation incubator. | | | |
| FY 2024 to FY 2025 Increase/Decrease Statement: | | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force | | Date: March 2024 | | |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640856 / AFWERX Operations and Support | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2023 | FY 2024 | FY 2025 |
| FY 2025 increased compared to FY 2024 by \$1.222 million due to increased emphasis in this area. | | | | |
| <p>Title: AFWERX Prime</p> <p>Description: Execution of efforts to explore and transition emerging dual-use technologies under this new acquisition approach to include evaluation of transformative vertical flight and agile logistics supporting distributed operations, autonomous capabilities, advanced energy and hybrid propulsion, and rapid commercial software capabilities. Activities include technical exchanges, research, development, certification, testing, and evaluation.</p> <p>FY 2024 Plans: FY 2024 AFWERX Prime funding was realigned to Project 640858 in this Program 64009F.</p> <p>FY 2025 Plans: Not applicable</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: Not applicable</p> | | 71.328 | 0.000 | 0.000 |
| <p>Title: Blended Wing Body - Next Generation Large Aircraft</p> <p>Description: In partnership with Defense Innovation Unit, allies, industry stakeholders, and private investors, Next-Gen Large Aircraft targets over a 30% increase in aerodynamic efficiency over traditional tube-and-wing large aircraft (given same engines). For military applications, initial analysis shows increases in combat capability greater than the percent increase in fuel efficiency for both aerial refueling and cargo aircraft productivity (e.g. 30% increase in fuel efficiency can equal 60% or more increased aerial refueling fuel offload at range). Project goals include designing an aircraft that can cost-effectively scale up and down to enable acquisition by a broader community of government and industry stakeholders. Overall effort intends to manufacture a prototype large-scale aircraft for certification and testing. This project works in coordination with DOD's Chief Sustainability Officer and the Air Force Operational Energy office.</p> <p>FY 2024 Plans: This thrust was realigned to the Prototyping Project 645351 under Program 64858F Tech Transition in FY24.</p> <p>FY 2025 Plans: Not applicable</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: Not applicable</p> | | 40.333 | 0.000 | 0.000 |
| Accomplishments/Planned Programs Subtotals | | 111.661 | 12.988 | 14.210 |

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force | Date: March 2024 |
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| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640856 / AFWERX Operations and Support |
|--|--|--|

| | FY 2023 | FY 2024 |
|--|---------|---------|
| Congressional Add: Program increase- supersonic aircraft technologies <i>FY 2023 Accomplishments:</i> Conduct Congressionally directed effort. | 4.817 | - |
| Congressional Add: Program increase- Agility Prime <i>FY 2023 Accomplishments:</i> Conduct Congressionally directed effort. | 48.170 | - |
| Congressional Adds Subtotals | 52.987 | - |

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

N/A

Remarks

D. Acquisition Strategy

The Innovation Hubs, products and training, and innovation facilitation are awarded through a combination of Partnership Intermediary Agreements and competitive contract vehicles, some of which are directly awarded by AFWERX and others are executed through federal partnerships as appropriate.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force **Date:** March 2024

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| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640856 / AFWERX Operations and Support |
|--|--|--|

| Product Development (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | | | |
|---|------------------------|--------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Agility Prime AOI 1 Performer A | C/FFP | Various : Various | - | 11.127 | Apr 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 1 Performer B | C/FFP | Various : Various | - | 3.128 | Jun 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 2 Performer A | C/FFP | Various : Various | - | 8.279 | Mar 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 2 Performer B | C/FFP | Various : Various | - | 3.223 | Apr 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 3 Performer A | C/FFP | Various : Various | - | 7.127 | Apr 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 3 Performer B | C/FFP | Various : Various | - | 9.133 | Mar 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Air Race Partners | RO | Various : Various | - | 5.255 | Apr 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Next Gen Large Aircraft | MIPR | DUI : Mountain View, CA | - | 38.000 | Jun 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Congressional Add-Agility Prime | Various | Various : Various | - | 48.170 | Sep 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| Congressional Add-AFWERX Prime Supersonic | Various | Various : Various | - | 4.817 | May 2023 | - | | - | | - | | - | Continuing | Continuing | - |
| AFWERX Operations and Support | C/Various | Various : Various | - | - | | 0.051 | | 6.010 | | - | | 6.010 | Continuing | Continuing | - |
| Subtotal | | | - | 138.259 | | 0.051 | | 6.010 | | - | | 6.010 | Continuing | Continuing | N/A |

| Support (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | | | |
|---------------------------------|------------------------|--------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Modeling and Analytics Support | MIPR | Various : Various | - | 1.537 | Nov 2022 | - | | - | | - | | - | Continuing | Continuing | - |
| Government Test Support | WR | Various : Various | - | 3.225 | Dec 2022 | - | | - | | - | | - | Continuing | Continuing | - |
| Airworthiness and Test Support | Various | Various : Various | - | 2.137 | Nov 2022 | - | | - | | - | | - | Continuing | Continuing | - |

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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force | | | | | | | | | | | | Date: March 2024 | | | | |
|---|------------------------|--------------------------------|-------------|-----------------------------------|------------|---------|------------|--|------------|-------------|------------|------------------|------------------|------------|--------------------------|--|
| Appropriation/Budget Activity | | | | R-1 Program Element (Number/Name) | | | | Project (Number/Name) | | | | | | | | |
| 3600 / 4 | | | | PE 0604009F / AFWERX Prime | | | | 640856 / AFWERX Operations and Support | | | | | | | | |
| Support (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract | |
| Acquisition Workforce | Allot | Various : Various | - | - | | 12.937 | | 8.200 | | - | | 8.200 | Continuing | Continuing | - | |
| Subtotal | | | - | 6.899 | | 12.937 | | 8.200 | | - | | 8.200 | Continuing | Continuing | N/A | |
| Test and Evaluation (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract | |
| Autonomy and Hybrid Stratfi | Various | Various : Various | - | 5.258 | Dec 2022 | - | | - | | - | | - | Continuing | Continuing | - | |
| Autonomy and Hybrid Stratfi 2 | Various | Various : Various | - | 5.258 | Feb 2023 | - | | - | | - | | - | Continuing | Continuing | - | |
| Subtotal | | | - | 10.516 | | - | | - | | - | | - | Continuing | Continuing | N/A | |
| Management Services (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract | |
| AFWERX Prime Management PMA | Various | Various : Various | - | 6.641 | Oct 2022 | - | | - | | - | | - | Continuing | Continuing | - | |
| Next Generation Large Aircraft PMA | Various | Various : Various | - | 2.333 | Jul 2023 | - | | - | | - | | - | Continuing | Continuing | - | |
| Subtotal | | | - | 8.974 | | - | | - | | - | | - | Continuing | Continuing | N/A | |
| Project Cost Totals | | | - | 164.648 | | 12.988 | | 14.210 | | - | | 14.210 | Continuing | Continuing | N/A | |
| Remarks | | | | | | | | | | | | | | | | |

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| Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force | | Date: March 2024 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640856 / AFWERX Operations and Support |

| | FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | FY 2026 | | | | FY 2027 | | | | FY 2028 | | | | FY 2029 | | | |
|--|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| | 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 |

| | |
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| AFWERX Prime Product Development | |
| Air Force Airworthiness Assessments (Part 2) | |
| Base Support Agreements | |
| Bed-down | |
| Acquisition Workforce/Core Operations | |
| Acquisition Workforce/Core Operations | |

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| Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force | | Date: March 2024 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640856 / AFWERX Operations and Support |

Schedule Details

| Events by Sub Project | Start | | End | |
|---|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>AFWERX Prime Product Development</i> | | | | |
| Air Force Airworthiness Assessments (Part 2) | 2 | 2023 | 4 | 2023 |
| Base Support Agreements | 1 | 2023 | 1 | 2023 |
| Bed-down | 4 | 2023 | 4 | 2023 |
| <i>Acquisition Workforce/Core Operations</i> | | | | |
| Acquisition Workforce/Core Operations | 1 | 2024 | 4 | 2029 |

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force | | | | | | | | | | Date: March 2024 | | |
| Appropriation/Budget Activity 3600 / 4 | | | | | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | | | | Project (Number/Name) 640858 / AFWERX Prime | | | |
| 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 |
| 640858: AFWERX Prime | - | 0.000 | 70.348 | 6.370 | 0.000 | 6.370 | 6.522 | 6.504 | 0.000 | 0.000 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

AFWERX Prime is a new acquisition approach that uses government-specific resources to reduce risk in emerging technology markets while partnering with investors, industry, interagency, and international partners for accelerated, affordable, and agile commercial and military capability. Initial efforts of AFWERX Prime Agility Prime program provides research, development, testing, and evaluation to field transformative vertical flight technology. These systems incorporate non-traditional electric or hybrid propulsion for manned or optionally manned missions, with onboard, remote, or eventually autonomous control. Agility Prime efforts leverages commercial investment in technologies that support mobility and sustainment in benign or contested environments to enable agile, lower-cost distributed logistics, humanitarian operations, disaster response operations, and communications capabilities.

Agility Prime leverages emerging vertical lift and logistics platforms, enabling resilient basing and sustainment options. Future Prime initiatives will use the same paradigm to leverage commercial technology and investment for high returns on government participation in this sector, achieving advanced, agile, and accelerated fielding of commercial and military capability bolstering national security and domestic technological dominance. AFWERX Prime autonomy efforts aim to accelerate enabling autonomy technologies and dual-use approaches to transition autonomous capabilities into fielded capabilities.

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

| | FY 2023 | FY 2024 | FY 2025 |
|---|----------------|----------------|----------------|
| Title: AFWERX Prime | 0.000 | 70.348 | 6.370 |
| Description: Execution of efforts to explore and transition emerging dual-use technologies under this new acquisition approach to include evaluation of transformative vertical flight and agile logistics supporting distributed operations, autonomous capabilities, advanced energy and hybrid propulsion, and rapid commercial software capabilities. Activities include technical exchanges, research, development, certification, testing, and evaluation. | | | |
| FY 2024 Plans: Efforts include enabling technology risk reduction with multiple manufacturers for commercial and operations assessment. For Agility Prime, continue prototype testing to characterize performance, handling qualities, and mission system effectiveness. Continue facilitating airworthiness assessments aimed at initial flight certified vehicles. Initiate and complete flight tests in realistic operating environments and scenarios to provide data for business case analysis and fielding. Continue research, development, test and evaluation for key enabling technologies of autonomous operations and vehicle collaboration along with hybrid propulsion. For Autonomy Prime, initiate a low-cost pipeline and proving ground for evaluate, iterate, and mature of autonomous capabilities for industry and government organizations, including dual-use applications. Supports commercial advancement of overlapping autonomous mission capabilities and transitioning capabilities into major Air Force autonomy programs. With Integration Prime, initiate a multi-level environment to prototype and transition integrating software capabilities | | | |

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Air Force | | Date: March 2024 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640858 / AFWERX Prime |

| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2023 | FY 2024 | FY 2025 |
|---|----------------|----------------|----------------|
| <p>with industry and non-traditional solution providers and software integration stacks to enable rapid adaptability and scalability of mission threads along with a government owned open architecture toolkit for integrating applications onto multiple platforms.</p> <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> - Continue government test support and personnel support for existing program contract periods of performance across the AFWERX Prime portfolio. - Continue Autonomy Prime proving ground evaluations in collaboration with industry for periods of performance remaining. - Complete Autonomy Prime evaluation efforts for technology risk reduction with multiple manufacturers for commercial and operations assessment. - Continue remaining operational evaluations for Agility Prime, leveraging planned commercial certifications and potential initial service use cases. - Continue remaining software integration sprints for Integration Prime efforts for addressing mission thread gaps. - Complete Integration Prime capability evaluation sprints after remaining periods of performance. <p>FY 2024 to FY 2025 Increase/Decrease Statement: FY 2025 decreased compared to FY 2024 by \$63.978 million. Funding decrease is due to Air Force funding re-prioritization.</p> | | | |
| Accomplishments/Planned Programs Subtotals | 0.000 | 70.348 | 6.370 |

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

N/A

Remarks

D. Acquisition Strategy

AFWERX Prime effort will proceed along the following path: 1) investigate details regarding potential commercial markets; 2) identify technologies that are likely to result in successful prototypes and support future DAF capability needs and Operational Imperatives ; 3) create collaborative test plans potentially offering test assets and expertise; 4) leverage this campaign for near-term airworthiness as well as preparation for procurement of hardware, software, data, or services. The intent is to accelerate learning to enable early adoption, procurement, and fielding.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force **Date:** March 2024

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| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640858 / AFWERX Prime |
|--|--|---|

| Product Development (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | Cost To Complete | Total Cost | Target Value of Contract |
|---|------------------------|--------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | |
| Agility Prime AOI 1 Performer A | C/FFP | Various : Various | - | - | | 5.000 | Dec 2023 | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 1 Performer B | C/FFP | Various : Various | - | - | | 1.000 | Feb 2024 | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 2 Performer A | C/FFP | Various : Various | - | - | | 5.000 | Dec 2023 | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 3 Performer A | C/FFP | Various : Various | - | - | | 3.500 | May 2024 | - | | - | | - | Continuing | Continuing | - |
| Agility Prime AOI 3 Performer B | C/FFP | Various : Various | - | - | | 3.500 | May 2024 | - | | - | | - | Continuing | Continuing | - |
| Autonomy Prime Line of Effort A | C/FFP | Various : Various | - | - | | 4.000 | Dec 2023 | - | | - | | - | Continuing | Continuing | - |
| Autonomy Prime Line of Effort B | C/FFP | Various : Various | - | - | | 4.000 | Feb 2024 | - | | - | | - | Continuing | Continuing | - |
| Autonomy Prime Line of Effort C | C/FFP | Various : Various | - | - | | 3.000 | May 2024 | - | | - | | - | Continuing | Continuing | - |
| Autonomy Prime Line of Effort D | C/FFP | Various : Various | - | - | | 4.000 | Dec 2023 | - | | - | | - | Continuing | Continuing | - |
| Integration Prime Capability Sprint A | C/FFP | Various : Various | - | - | | 3.500 | Jan 2024 | - | | - | | - | Continuing | Continuing | - |
| Integration Prime Capability Sprint B | C/FFP | Various : Various | - | - | | 3.500 | Apr 2024 | - | | - | | - | Continuing | Continuing | - |
| Integration Prime Capability Sprint C | C/FFP | Various : Various | - | - | | 3.500 | Jul 2024 | - | | - | | - | Continuing | Continuing | - |
| Integration Prime Open Architecture | C/FFP | Various : Various | - | - | | 3.000 | Dec 2023 | - | | - | | - | Continuing | Continuing | - |
| Subtotal | | | - | - | | 46.500 | | - | | - | | - | Continuing | Continuing | N/A |

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force **Date:** March 2024

| | | |
|--|--|---|
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640858 / AFWERX Prime |
|--|--|---|

| Support (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | Cost To Complete | Total Cost | Target Value of Contract |
|---------------------------------|------------------------|--------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | |
| Modeling and Analytics Support | MIPR | Various : Various | - | - | | 1.000 | Nov 2023 | - | | - | | - | Continuing | Continuing | - |
| Government Test Support | MIPR | Various : Various | - | - | | 5.000 | Dec 2023 | 2.000 | Dec 2024 | - | | 2.000 | Continuing | Continuing | - |
| Airworthiness and Test Support | Various | Various : Various | - | - | | 2.000 | Nov 2023 | 1.500 | Nov 2024 | - | | 1.500 | Continuing | Continuing | - |
| Subtotal | | | - | - | | 8.000 | | 3.500 | | - | | 3.500 | Continuing | Continuing | N/A |

| Test and Evaluation (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | Cost To Complete | Total Cost | Target Value of Contract |
|---|------------------------|--------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | |
| Test Integration | Various | Various : Various | - | - | | 5.000 | Feb 2024 | 1.370 | Dec 2024 | - | | 1.370 | Continuing | Continuing | - |
| Autonomy Test Capabilities | Reqn | Various : Various | - | - | | 4.848 | Dec 2023 | - | | - | | - | Continuing | Continuing | - |
| Subtotal | | | - | - | | 9.848 | | 1.370 | | - | | 1.370 | Continuing | Continuing | N/A |

| Management Services (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 Total | Cost To Complete | Total Cost | Target Value of Contract |
|---|------------------------|--------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | |
| AFWERX Prime Management PMA | Various | Various : Various | - | - | | 6.000 | Dec 2024 | 1.500 | Nov 2024 | - | | 1.500 | Continuing | Continuing | - |
| Subtotal | | | - | - | | 6.000 | | 1.500 | | - | | 1.500 | Continuing | Continuing | N/A |

| | | | Prior Years | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total | Cost To Complete | Total Cost | Target Value of Contract | |
|----------------------------|--|--|-------------|---------|---------|--------------|-------------|---------------|------------------|------------|--------------------------|-----|
| Project Cost Totals | | | - | - | 70.348 | - | 6.370 | - | 6.370 | Continuing | Continuing | N/A |

Remarks

UNCLASSIFIED

| | | |
|--|--|---|
| Exhibit R-4A, RDT&E Schedule Details: PB 2025 Air Force | | Date: March 2024 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0604009F / AFWERX Prime | Project (Number/Name) 640858 / AFWERX Prime |

Schedule Details

| Events by Sub Project | Start | | End | |
|--|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>AFWERX Prime Product Development</i> | | | | |
| Federal Aviation Administration Certification | 4 | 2024 | 4 | 2024 |
| Bed-down | 4 | 2023 | 4 | 2024 |
| Autonomy - Proving Ground Operations | 1 | 2024 | 4 | 2025 |
| Software Integration Sprints | 2 | 2024 | 4 | 2025 |
| Test and Evaluation/Support Personnell | 1 | 2024 | 4 | 2027 |