

UNCLASSIFIED

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

| | |
|--|--|
| 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 0207110F / <i>Next Generation Air Dominance</i> |
|--|--|

| 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 | - | 1,452.934 | 1,657.635 | 2,326.128 | 0.000 | 2,326.128 | 3,485.240 | 3,783.618 | 5,298.181 | 7,164.165 | Continuing | Continuing |
| 646007: <i>AS 2030 Air Dominance Technologies (ADT)</i> | - | 1,452.934 | 1,657.635 | 1,933.918 | 0.000 | 1,933.918 | 2,971.488 | 3,537.651 | 3,654.546 | 4,131.409 | Continuing | Continuing |
| 647123: <i>Collaborative Combat Aircraft (CCA)</i> | - | 0.000 | 0.000 | 392.210 | 0.000 | 392.210 | 513.752 | 245.967 | 1,643.635 | 3,032.756 | Continuing | Continuing |

Note

In FY 2024 PE 0207179F "Autonomous Collaborative Platforms", Project 647123 "Autonomous Collaborative Technologies" was retitled to "Collaborative Combat Aircraft" and was transferred to PE 0207110F "Next Generation Air Dominance" in order to align with the FoS portfolio of technologies.

A. Mission Description and Budget Item Justification

Next Generation Air Dominance (NGAD) Family of Systems (FoS) is a portfolio of technologies enabling Air Superiority for the Joint Force in the most challenging operational environments. Key NGAD FoS attributes include enhancements in survivability, lethality, persistence, crewed/uncrewed teaming and interoperability across a range of military operations. Program activities include the employment of digital acquisitions through the application of digital engineering, agile software development, open systems architectures and digital systems infrastructure. Funding provides for operational concept exploration, technology studies, multi-domain integration assessments, operational and system architecture development, maturation and risk reduction of air superiority related technologies, including autonomy, weapons systems and integrated system concept development and demonstration as well as program management support. Program management support costs includes but is not limited to A&AS, civilian pay, supplies, and facility related expenses. NGAD FoS technologies are available to other DoD systems based on emerging threats, AF priorities, and development capacity. DoD systems incorporating NGAD FoS technologies will include development, integration, and testing of capabilities. This program element supports the Secretary of the Air Force's Operational Imperatives, specifically "Defining the NGAD Family of Systems."

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. 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. In FY22 \$14.302M was expended for civilian pay expenses in this program element, and in FY23 \$24.621M is forecast for civilian pay expenses in this program element.

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.

UNCLASSIFIED

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

| | |
|---|--|
| Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force</i> / BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i> | R-1 Program Element (Number/Name) PE 0207110F / <i>Next Generation Air Dominance</i> |
|---|--|

| B. Program Change Summary (\$ in Millions) | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 1,524.667 | 1,657.733 | 1,655.166 | 0.000 | 1,655.166 |
| Current President's Budget | 1,452.934 | 1,657.635 | 2,326.128 | 0.000 | 2,326.128 |
| Total Adjustments | -71.733 | -0.098 | 670.962 | 0.000 | 670.962 |
| • Congressional General Reductions | 0.000 | -0.098 | | | |
| • 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 | -17.800 | 0.000 | | | |
| • SBIR/STTR Transfer | -53.933 | 0.000 | | | |
| • Other Adjustments | 0.000 | 0.000 | 670.962 | 0.000 | 670.962 |

Change Summary Explanation

In FY 2022, \$53.933M reduction due to SBIR. \$17.8M was reprogrammed for other AF priorities.

In FY 2023, \$0.098M reduction due to FFRDC.

In FY 2024, PE 0207179F, Project 647123 "Autonomous Collaborative Technologies" was retitled to "Collaborative Combat Aircraft" and transferred from PE 0207179F "Autonomous Collaborative Platforms" to PE 0207110F "Next Generation Air Dominance" in the amount of \$392.210.

Additional increase in FY 2024, PE 0207110F, Project 646007 in the amount of \$278.752M for risk reduction efforts.

UNCLASSIFIED

| | | | | | | | | | | | | |
|---|--------------------|----------------|----------------|---------------------|--|----------------------|----------------|----------------|--|-------------------------|-------------------------|-------------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force | | | | | | | | | | Date: March 2023 | | |
| Appropriation/Budget Activity 3600 / 4 | | | | | R-1 Program Element (Number/Name) PE 0207110F / <i>Next Generation Air Dominance</i> | | | | Project (Number/Name) 646007 / <i>AS 2030 Air Dominance Technologies (ADT)</i> | | | |
| 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 |
| 646007: <i>AS 2030 Air Dominance Technologies (ADT)</i> | - | 1,452.934 | 1,657.635 | 1,933.918 | 0.000 | 1,933.918 | 2,971.488 | 3,537.651 | 3,654.546 | 4,131.409 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

Next Generation Air Dominance (NGAD) is a portfolio of technologies enabling Air Superiority for the Joint Force in the most challenging operational environments. The NGAD program is influenced by the CSAF-approved Air Superiority Enterprise Capability Collaboration Team (ECCT) Flight Plan. The program matures technology and reduces risk through development, integration, and test activities. Key NGAD attributes include enhancements in survivability, lethality, persistence, and interoperability across a range of military operations. Program activities also include the employment of digital acquisitions through the application of digital engineering, agile software development, open systems architectures and digital systems infrastructure. Funding provides operational concept exploration, technology studies, multi-domain integration assessments, operational and system architecture development, maturation and risk reduction of air superiority related technologies, including weapons systems and integrated system concept development and demonstration as well as program management support. Program management support costs includes but is not limited to A&AS, civilian pay, supplies, and facility related expenses. NGAD technologies are designed to become available to other DoD systems based on emerging threats, AF priorities, and development capacity.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. 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. In FY22 \$14.302M was expended for civilian pay expenses in this program element, and in FY23 \$24.621M is forecast for civilian pay expenses in this program element.

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

| | FY 2022 | FY 2023 | FY 2024 |
|---|----------------|----------------|----------------|
| Title: 2030+ Air Dominance | 1,452.934 | 1,657.635 | 1,933.918 |
| Description: The 2030+ Air Dominance (AD) candidate concepts consist of operational analyses, threat studies and technology candidate assessments and prototyping to identify operational concepts and technologies that improve persistence, survivability, lethality, connectivity, interoperability and affordability in 2030 and beyond. These efforts will provide for contractors to conduct analyses, identify technology candidates and perform concept refinement. Furthermore, studies are required to develop operational/system architectures to include family of systems and spectral dominance platforms. In addition, technical risk reduction activities will be performed to include development, integration, test and building demonstrative prototypes. | | | |
| The 2030+ AD working groups methodically assessed candidate concepts using USAF directives and guidance that informed the NGAD Analysis of Alternatives (AoA) completed in 2019. Ongoing studies are conducted to refine system concepts and operational/system architectures incorporating family of systems and spectral dominance platforms that may be required to inform | | | |

UNCLASSIFIED

| | | | | |
|---|---|--|----------------|----------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force | | Date: March 2023 | | |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / <i>Next Generation Air Domina nce</i> | Project (Number/Name) 646007 / <i>AS 2030 Air Dominance Technologies (ADT)</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2022 | FY 2023 | FY 2024 |
| <p>and support strategic choices. In addition, technical risk reduction studies concerning technology integration, operational and system trade space utilizing preliminary data from AD concept development have resulted in multiple activities and engagements to inform strategic USAF experimentation and prototyping efforts. Finally, technical overviews were presented to the Air Force - Scientific Advisory Board (AF-SAB) and other senior leaders.</p> <p>FY 2023 Plans: NGAD will continue to conduct analyses, identify technology candidates and perform concept refinements. Studies required to develop operational/system architectures to include family of systems and spectral dominance platforms will also mature. Technical risk reduction activities will continue to be performed to include development, integration, test and building demonstrative prototypes. Program activities will include the pursuit of open architecture solutions.</p> <p>FY 2024 Plans: NGAD will continue to conduct analyses, identify technology candidates and perform concept refinements. Studies required to develop operational/system architectures to include family of systems and spectral dominance platforms will also mature. Technical risk reduction activities will continue to be performed to include development, integration, test and building demonstrative prototypes. Program activities will include the pursuit of open architecture solutions.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: Funding increased for continued technology maturation, risk reduction activities, and hardware prototyping efforts.</p> | | | | |
| Accomplishments/Planned Programs Subtotals | | 1,452.934 | 1,657.635 | 1,933.918 |
| C. Other Program Funding Summary (\$ in Millions) | | | | |
| N/A | | | | |
| Remarks | | | | |
| D. Acquisition Strategy | | | | |
| The Next Generation Air Dominance acquisition strategy is based on top-down, multi-domain capabilities development planning and oversight framework. Cross-functional teams will conduct analysis, demonstrations, and experiments to quantify the operational value of alternative concepts and technologies to provide solutions to current and future air superiority capability gaps. | | | | |

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force **Date:** March 2023

| | | |
|--|---|---|
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / Next Generation Air Dominance | Project (Number/Name) 646007 / AS 2030 Air Dominance Technologies (ADT) |
|--|---|---|

| Product Development (\$ in Millions) | | | | FY 2022 | | FY 2023 | | FY 2024 Base | | FY 2024 OCO | | FY 2024 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 | | | |
| NGAD Research/ Development Efforts | Various | Various : Various | - | 1,399.632 | | 1,597.643 | | 1,866.407 | | - | | 1,866.407 | Continuing | Continuing | - |
| Subtotal | | | - | 1,399.632 | | 1,597.643 | | 1,866.407 | | - | | 1,866.407 | Continuing | Continuing | N/A |

Remarks
Contractual specifics are not available at this level of security classification.

| Management Services (\$ in Millions) | | | | FY 2022 | | FY 2023 | | FY 2024 Base | | FY 2024 OCO | | FY 2024 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 | | | |
| NGAD Acquisition Support | Various | Various : Various | - | 53.302 | | 59.992 | | 67.511 | | - | | 67.511 | Continuing | Continuing | - |
| Subtotal | | | - | 53.302 | | 59.992 | | 67.511 | | - | | 67.511 | Continuing | Continuing | N/A |

Remarks
NGAD Acquisition Support includes but is not limited to A&AS, civilian pay, supplies, and facility related expenses.

| | Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total | Cost To Complete | Total Cost | Target Value of Contract |
|----------------------------|-------------|-----------|-----------|--------------|-------------|---------------|------------------|------------|--------------------------|
| Project Cost Totals | - | 1,452.934 | 1,657.635 | 1,933.918 | - | 1,933.918 | Continuing | Continuing | N/A |

Remarks
Details of contract data are not shown because of the level of security classification.

UNCLASSIFIED

| | | |
|---|---|--|
| Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force | | Date: March 2023 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / Next Generation Air Domin ance | Project (Number/Name) 646007 / AS 2030 Air Dominance Technologies (ADT) |

| | FY 2022 | | | | FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | FY 2026 | | | | FY 2027 | | | | FY 2028 | | | | |
|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|--|
| | 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 | |
| AS 2030 Air Dominance Technologies (ADT) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concept Exploration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Integration Studies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technology Risk Reduction / Prototyping | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY23 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY24 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY25 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY26 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY27 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY28 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FY29 Strategic Planning Choices Presented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UNCLASSIFIED

| | | |
|--|--|--|
| Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force | | Date: March 2023 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / <i>Next Generation Air Dominance</i> | Project (Number/Name) 646007 / <i>AS 2030 Air Dominance Technologies (ADT)</i> |

Schedule Details

| Events by Sub Project | Start | | End | |
|--|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>AS 2030 Air Dominance Technologies (ADT)</i> | | | | |
| Concept Exploration | 1 | 2022 | 4 | 2028 |
| Integration Studies | 1 | 2022 | 4 | 2028 |
| Technology Risk Reduction / Prototyping | 1 | 2022 | 4 | 2028 |
| FY23 Strategic Planning Choices Presented | 1 | 2022 | 1 | 2022 |
| FY24 Strategic Planning Choices Presented | 1 | 2023 | 1 | 2023 |
| FY25 Strategic Planning Choices Presented | 1 | 2024 | 1 | 2024 |
| FY26 Strategic Planning Choices Presented | 1 | 2025 | 1 | 2025 |
| FY27 Strategic Planning Choices Presented | 1 | 2026 | 1 | 2026 |
| FY28 Strategic Planning Choices Presented | 1 | 2027 | 1 | 2027 |
| FY29 Strategic Planning Choices Presented | 1 | 2028 | 1 | 2028 |

UNCLASSIFIED

| | | | | | | | | | | | | |
|---|--------------------|----------------|----------------|---------------------|---|----------------------|----------------|----------------|---|-------------------------|-------------------------|-------------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force | | | | | | | | | | Date: March 2023 | | |
| Appropriation/Budget Activity 3600 / 4 | | | | | R-1 Program Element (Number/Name) PE 0207110F / Next Generation Air Domina nce | | | | Project (Number/Name) 647123 / Collaborative Combat Aircraft (CCA) | | | |
| 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 |
| 647123: Collaborative Combat Aircraft (CCA) | - | 0.000 | 0.000 | 392.210 | 0.000 | 392.210 | 513.752 | 245.967 | 1,643.635 | 3,032.756 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

Note

In FY 2024 PE 0207179F "Autonomous Collaborative Platforms", Project 647123 "Autonomous Collaborative Technologies" was retitled to "Collaborative Combat Aircraft" and was transferred to PE 0207110F "Next Generation Air Dominance" in order to align with the FoS portfolio of technologies.

A. Mission Description and Budget Item Justification

Collaborative Combat Aircraft (CCA) are un-crewed weapon systems capable of enhancing crewed weapon systems to achieve air superiority. The program matures and leverages relevant Science and Technology investments to reduce risk by conducting targeted development, integration and test activities. Key CCA attributes include tailored cost of platforms, mission integrated autonomy, multi-platform interoperability, and lethality enhancement. Program activities will include the employment of digital acquisitions through the application of digital engineering, agile software development, and open systems architectures. Funding provides information technology/test/training infrastructure investments, operational concept exploration, technology studies, multi-domain integration, operational assessments, architecture development, and multi-level prototyping as well as program management support. Program management support costs includes but is not limited to A&AS, civilian pay, supplies, and facility related expenses. This also includes risk reduction of air superiority related technologies including integrated weapons systems development and demonstration.

In FY24 PE 0207179F, Project 647123 "Autonomous Collaborative Technologies" was retitled to "Collaborative Combat Aircraft" and was transferred from PE 0207179F "Autonomous Collaborative Platforms" to PE 0207110F "Next Generation Air Dominance," in order to align with the SECAF's NGAD Family of Systems Operational Imperative. Funds requested for PE 0207110F, Project 647123 in FY24 are an administrative realignment only and do not constitute a new start.

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

| | FY 2022 | FY 2023 | FY 2024 |
|---|----------------|----------------|----------------|
| Title: Collaborative Combat Aircraft | - | 0.000 | 392.210 |
| Description: The Collaborative Combat Aircraft concepts of operational analyses/studies, technology candidate assessments, development, integration, prototyping, and demonstrations to identify operational concepts and technologies that project air power against adversaries. Ongoing studies are conducted to refine CCA concepts as well as air superiority related technologies. | | | |
| FY 2023 Plans: N/A | | | |
| FY 2024 Plans: | | | |

UNCLASSIFIED

| | | |
|---|---|---|
| Exhibit R-2A, RDT&E Project Justification: PB 2024 Air Force | | Date: March 2023 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / Next Generation Air Domina nce | Project (Number/Name) 647123 / Collaborative Combat Aircraft (CCA) |

| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2022 | FY 2023 | FY 2024 |
|--|----------------|----------------|----------------|
| Collaborative Combat Aircraft will conduct analyses, identify technology candidates, perform concept refinement studies, development, integration, prototyping, and demonstrations to reduce risk and mature CCA concepts and air superiority related technologies in support of the NGAD family of systems. | | | |
| <i>FY 2023 to FY 2024 Increase/Decrease Statement:</i> Funding increased due to realignment of BPAC 647123 to PE 0207110F | | | |
| Accomplishments/Planned Programs Subtotals | - | 0.000 | 392.210 |

| C. Other Program Funding Summary (\$ in Millions) | | | | | | | | | | | |
|---|----------------|----------------|-------------------------|------------------------|--------------------------|----------------|----------------|----------------|----------------|-----------------------------|-------------------|
| Line Item | 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 |
| • RDTE 04 0207179F: <i>Autonomous Collaborative Platforms</i> | 0.000 | 51.747 | 0.000 | - | 0.000 | - | - | - | - | 0.000 | 51.747 |

Remarks

D. Acquisition Strategy

The Collaborative Combat Aircraft acquisition strategy is based on a multi-domain capabilities, development, planning, and oversight framework. Cross-functional teams will conduct analysis, demonstrations, and experiments to quantify the operational value of alternative concepts and technologies to provide solutions to current and future air superiority capability gaps.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force **Date:** March 2023

| | | |
|--|---|--|
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / Next Generation Air Dominance | Project (Number/Name) 647123 / Collaborative Combat Aircraft (CCA) |
|--|---|--|

| Product Development (\$ in Millions) | | | | FY 2022 | | FY 2023 | | FY 2024 Base | | FY 2024 OCO | | FY 2024 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 | | | |
| CCA Research/Development Efforts | Various | Various : TBD | - | - | | - | | 379.776 | | - | | 379.776 | Continuing | Continuing | - |
| Subtotal | | | - | - | | - | | 379.776 | | - | | 379.776 | Continuing | Continuing | N/A |

| Support (\$ in Millions) | | | | FY 2022 | | FY 2023 | | FY 2024 Base | | FY 2024 OCO | | FY 2024 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 | | | |
| CCA Acquisition Support | Various | Various : TBD | - | - | | - | | 12.434 | | - | | 12.434 | Continuing | Continuing | - |
| Subtotal | | | - | - | | - | | 12.434 | | - | | 12.434 | Continuing | Continuing | N/A |

| Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total | Cost To Complete | Total Cost | Target Value of Contract | |
|----------------------------|----------------|----------------|---------------------|--------------------|----------------------|-------------------------|-------------------|---------------------------------|-----|
| Project Cost Totals | - | - | - | 392.210 | - | 392.210 | Continuing | Continuing | N/A |

Remarks
CCA Acquisition Support includes Civilian Pay.

UNCLASSIFIED

| | | |
|--|---|---|
| Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force | | Date: March 2023 |
| Appropriation/Budget Activity 3600 / 4 | R-1 Program Element (Number/Name) PE 0207110F / <i>Next Generation Air Domina nce</i> | Project (Number/Name) 647123 / <i>Collaborative Combat Aircraft (CCA)</i> |

Schedule Details

| Events by Sub Project | Start | | End | |
|---|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>Collaborative Combat Aircraft</i> | | | | |
| Concept Exploration | 1 | 2024 | 4 | 2028 |
| Integration Studies | 1 | 2024 | 4 | 2028 |
| Technology Risk Reduction / Prototyping | 1 | 2024 | 4 | 2028 |