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**Exhibit R-2, RDT&E Budget Item Justification: PB 2024 The Joint Staff** **Date:** March 2023

|  |   |
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| <b>Appropriation/Budget Activity</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 6: RDT&amp;E Management Support</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J <i>I Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</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   | 479.040     | 49.437  | 52.975  | 61.477       | -           | 61.477        | 62.505  | 63.057  | 63.778  | 65.211  | -                | -          |
| P001: <i>Core</i>   | 184.486     | 10.428  | 18.689  | 14.170       | -           | 14.170        | 14.329  | 14.777  | 15.178  | 15.492  | -                | -          |
| P005: <i>Nimble Fire</i>  | 158.882     | 19.876  | 13.797  | 18.343       | -           | 18.343        | 19.049  | 19.224  | 19.172  | 19.664  | -                | -          |
| P006: <i>Cruise Missile Combat Identification (CID)</i>                                 | 88.924      | 4.433   | 3.911   | 5.211        | -           | 5.211         | 5.275   | 5.321   | 5.474   | 5.584   | -                | -          |
| P007: <i>Homeland Defense Capability</i>  | 46.748      | 14.700  | 16.578  | 22.120       | -           | 22.120        | 22.153  | 21.969  | 22.117  | 22.560  | -                | -          |
| P008: <i>Joint Regional Integrated Air and Missile Defense Capabilities Mix (JRICM)</i> | -           | 0.000   | 0.000   | 1.633        | -           | 1.633         | 1.699   | 1.766   | 1.837   | 1.911   | -                | -          |

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

The Joint Integrated Air and Missile Defense Organization (JIAMDO) is the organization within the Department of Defense chartered to plan, coordinate, and oversee Integrated Air and Missile Defense (IAMD) requirements, joint operational concepts, and operational architectures. As part of the Joint Staff, JIAMDO supports the Chairman in meeting Title 10 responsibilities as they relate to IAMD issues. JIAMDO supports the Joint Requirements Oversight Council (JROC) in its Title 10 U.S. Code 181 authorities as the Joint Staff lead of the IAMD Capability Portfolio Management Review (CPMR) process. JIAMDO is the operational community's proponent for requirements and capabilities in IAMD, and is the joint IAMD proponent within the DoD's resource allocation structures. JIAMDO also leads IAMD mission and utility analysis, integrates IAMD within the force protection joint capability area, conducts evaluations, demonstrations of joint IAMD architectures, and provides advocacy for innovative, technically mature, and affordable solutions.

JIAMDO has established a close partnership with Combatant Commands (CCMDs) and maintains close coordination with U.S. Strategic Command (USSTRATCOM) and U.S. Northern Command (USNORTHCOM) in support of ballistic missile defense of the United States. JIAMDO provides the CJCS and the Joint Requirements Oversight Council the ability to meet statutory responsibilities to review cost, schedule, and performance criteria of Missile Defense Agency missile defense programs, and assesses the validity of those criteria in relation to national and military requirements. At the direction of the JROC, JIAMDO develops the IAMD prioritized capabilities list and the global integrated IAMD assessment and analysis of the Ballistic Missile Defense System. JIAMDO supports the USSTRATCOM ballistic missile early warning mission by ensuring operational and technical requirements are integrated into the theater missile warning architecture. JIAMDO also provides direct support to North American Aerospace Defense Command and USNORTHCOM for homeland air and cruise missile surveillance issues and technical oversight of homeland capability solutions.

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| <b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2024 The Joint Staff | <b>Date:</b> March 2023 |
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| <b>Appropriation/Budget Activity</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 6: RDT&amp;E Management Support</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J <i>I Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i> |
|--|---|

| <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                       | 49.437         | 53.278         | 61.348              | -                  | 61.348               |
| Current President's Budget                        | 49.437         | 52.975         | 61.477              | -                  | 61.477               |
| Total Adjustments                                 | 0.000          | -0.303         | 0.129               | -                  | 0.129                |
| • Congressional General Reductions                | -              | -0.303         |                     |                    |                      |
| • Congressional Directed Reductions               | -              | -              |                     |                    |                      |
| • Congressional Rescissions                       | -              | -              |                     |                    |                      |
| • Congressional Adds                              | -              | -              |                     |                    |                      |
| • Congressional Directed Transfers                | -              | -              |                     |                    |                      |
| • Reprogrammings                                  | -              | -              |                     |                    |                      |
| • SBIR/STTR Transfer                              | -              | -              |                     |                    |                      |
| • Other   | -              | -              | 0.129               | -                  | 0.129                |

**Change Summary Explanation**

Congressional general reduction for Federally Funded Research and Development Centers in the FY 2023 enacted amount. Corrects a FY 2023 error where funds were inadvertently shifted from P005 (NIMBLE FIRE) to P001 (CORE). The error is reversed in the FY 2024 request, shifting funds from P001 back to P005. Increased funding for Homeland Defense Capability reflects increased priority in the mission. Added funds to conduct the Joint Regional Integrated Air and Missile Defense Capabilities Mix (JRICM) study (P008). Other minor adjustments to comply with the Department's revised economic assumptions.

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|---|--------------------|----------------|----------------|---------------------|---|----------------------|----------------|----------------|--|-------------------------|-------------------------|-------------------|
| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 The Joint Staff |                    |                |                |                     |   |                      |                |                |  | <b>Date:</b> March 2023 |                         |                   |
| <b>Appropriation/Budget Activity</b><br>0400 / 6                              |                    |                |                |                     | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / <i>Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i> |                      |                |                | <b>Project (Number/Name)</b><br>P001 / <i>Core</i> |                         |                         |                   |
| <b>COST (\$ in Millions)</b>  | <b>Prior Years</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b>  | <b>FY 2024 Total</b> | <b>FY 2025</b> | <b>FY 2026</b> | <b>FY 2027</b>                                     | <b>FY 2028</b>          | <b>Cost To Complete</b> | <b>Total Cost</b> |
| P001: <i>Core</i>   | 184.486            | 10.428         | 18.689         | 14.170              | -   | 14.170               | 14.329         | 14.777         | 15.178   | 15.492                  | -                       | -                 |
| Quantity of RDT&E Articles  | -                  | -              | -              | -                   | -   | -                    | -              | -              | -  | -                       | -                       | -                 |

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

The Joint Integrated Air and Missile Defense Organization (JIAMDO) is chartered to plan, coordinate, and oversee Integrated Air and Missile Defense (IAMD) requirements, concepts, and architectures. As part of the Joint Staff, JIAMDO supports the Chairman in meeting his Title 10 responsibilities as they relate to IAMD issues. JIAMDO supports the Joint Requirements Oversight Council (JROC) in its Title 10 U.S. Code 181 authorities as the Joint Staff lead of the IAMD Capability Portfolio Management Review (CPMR) process. JIAMDO is the IAMD proponent for requirements and capabilities within the DoD's resource allocation system. JIAMDO leads IAMD mission and utility analysis, integrates IAMD within the force protection joint capability area, and conducts evaluations of joint IAMD architectures.

JIAMDO has established a close partnership with Combatant Commands (CCMDs) and maintains close coordination with U.S. Strategic Command (USSTRATCOM) and U.S. Northern Command (USNORTHCOM) in support of ballistic missile defense of the United States. JIAMDO provides the CJCS and the Joint Requirements Oversight Council the ability to meet statutory responsibilities to review cost, schedule, and performance criteria of Missile Defense Agency missile defense programs. At the direction of the JROC, JIAMDO develops IAMD prioritized capabilities list and the global integrated IAMD assessment and analysis of the Ballistic Missile Defense System. JIAMDO supports the USSTRATCOM ballistic missile early warning mission by ensuring operational and technical requirements are integrated into the theater missile warning architecture. JIAMDO also provides direct support to North American Aerospace Defense Command and USNORTHCOM for homeland air and cruise missile surveillance issues and homeland defense solutions.

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

|   | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|---|----------------|----------------|----------------|
| <b>Title:</b> Core  | 10.428         | 18.689         | 14.170         |
| <p><b>Description:</b> Description: Provides staff support for JIAMDO operations in the area of ballistic missile defense, air and cruise missile defense, homeland defense, requirements management, combat identification, modeling and simulation, analytical functions and products, senior level briefings, and all travel costs for government and contractor support personnel. Routine functions include performing analyses, demonstrations, and programmatic assessments of technology, operations, requirements, and weapons systems. In coordination with Services and CCMDs, JIAMDO Core funds the definition, assessment, development, and approval of Joint IAMD operational concepts, operational architectures, IAMD CPMR and capability requirements. These assessments guide the Department's joint, interagency, integrated and net-centric IAMD. JIAMDO Core provides funding to:</p> <ol style="list-style-type: none"> <li>1. Conduct and integrate joint studies, simulations, war games, force resource allocation, and interoperability initiatives.</li> <li>2. Manage relevant Congressional interaction and CCMD interface.</li> </ol> |                |                |                |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 The Joint Staff |   | <b>Date:</b> March 2023                            |
| <b>Appropriation/Budget Activity</b><br>0400 / 6                              | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / <i>Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i> | <b>Project (Number/Name)</b><br>P001 / <i>Core</i> |

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

3. Directly support and sponsor homeland air surveillance-related demonstration and analysis activities.

4. Manage the Integrated Air and Missile Defense (IAMD) Working Group and co-chair the Protection Functional Capabilities Board focusing CCMD, Joint Staff, and Service collaboration efforts to generate joint concepts and develop the IAMD architecture and roadmap.

Description: Provides staff support for JIAMDO operations in the area of ballistic missile defense, air and cruise missile defense, homeland defense, requirements management, combat identification, modeling and simulation, analytical functions and products, senior level briefings, and all travel costs for government and contractor support personnel. Routine functions include performing analyses, demonstrations, and programmatic assessments of technology, operations, requirements, and weapons systems. In coordination with Services and CCMDs, JIAMDO Core funds the definition, assessment, development, and approval of Joint IAMD operational concepts, operational architectures, IAMD CPMR and capability requirements. These assessments guide the Department's joint, interagency, integrated and net-centric IAMD. JIAMDO Core provides funding to:

1. Conduct and integrate joint studies, simulations, war games, force resource allocation, and interoperability initiatives.
2. Manage relevant Congressional interaction and CCMD interface.
3. Directly support and sponsor homeland air surveillance-related demonstration and analysis activities.
4. Manage the Integrated Air and Missile Defense (IAMD) Working Group and co-chair the Protection Functional Capabilities Board focusing CCMD, Joint Staff, and Service collaboration efforts to generate joint concepts and develop the IAMD architecture and roadmap.

JIAMDO Core enables strategic planning development, security, travel, and other support activities. Funding pays for: contracted Systems Engineering and Technical Assistance (SETA) support for IAMD CPMR, Air & Cruise Missile Defense (ACMD), Ballistic Missile Defense (BMD), Homeland Air Security (HAS) strategic planning, studies & analysis, combat ID, modeling & simulation. Additionally, the JIAMDO Core budget funds daily on-site security management personnel to meet DoD, National Industrial Security Program Operating Manual (NISPOM), and other security regulations, for all administrative and support functions related to higher security classifications, as well as basic office supplies and furniture, and classified/unclassified data connections.

| FY 2022 | FY 2023 | FY 2024 |
|---------|---------|---------|
|---------|---------|---------|

**FY 2023 Plans:**

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 The Joint Staff | <b>Date:</b> March 2023 |
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| <b>Appropriation/Budget Activity</b><br>0400 / 6 | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / <i>Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i> | <b>Project (Number/Name)</b><br>P001 / <i>Core</i> |
|--|---|--|

| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>  | FY 2022 | FY 2023 | FY 2024 |
|--|---------|---------|---------|
| <p>Expand efforts to develop joint integrated air and missile defense (IAMD) requirements solutions via the IAMD Capability Portfolio Management Review and the Joint Integrated Priority List. Continue to support solutions efforts with Missile Defense Agency (MDA) and Services for the Planning Capabilities ICD. Continue to provide support to DISA for Networks Management Capabilities ICD. Ensures the solutions efforts support the Joint Requirements Oversight Council (JROC) validated capability requirements documents (ICDs). Continue to mature digital mission engineering portfolio.</p> <p><b>FY 2024 Plans:</b><br/>Continue to expand efforts to develop joint integrated air and missile defense (IAMD) requirements solutions via the IAMD Capability Portfolio Management Review and the Joint Integrated Priority List. Conduct IAMD Study to explore military utility assessment of future IAMD architectures.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br/>The FY 2023 request included an inadvertent programming error with \$6,018K shifted from NIMBLE FIRE (P005) to this project, CORE (P001). The corrected FY23 request for the CORE project was \$12,822K, as provided in response question for the record submitted to SASC on June 10, 2022. The FY 2024 request represents an increase of \$1,348K over the corrected FY2023 amount. The increase is due to the requirement to conduct the IAMD Capability Portfolio Management Review.</p> |         |         |         |
| <b>Accomplishments/Planned Programs Subtotals</b>  | 10.428  | 18.689  | 14.170  |

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

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**Exhibit R-2A, RDT&E Project Justification:** PB 2024 The Joint Staff **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>0400 / 6 | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO) | <b>Project (Number/Name)</b><br>P005 / Nimble Fire |
|--|--|--|

| 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 |
|----------------------------|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| P005: <i>Nimble Fire</i>   | 158.882     | 19.876  | 13.797  | 18.343       | -           | 18.343        | 19.049  | 19.224  | 19.172  | 19.664  | -                | -          |
| Quantity of RDT&E Articles | -           | -       | -       | -            | -           | -             | -       | -       | -       | -       | -                | -          |

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

The Joint Integrated Air and Missile Defense Organization (JIAMDO) is chartered to plan, coordinate, and oversee Integrated Air and Missile Defense (IAMD) requirements, concepts, and architectures. As part of the Joint Staff, JIAMDO supports the Chairman in meeting his Title 10 responsibilities as they relate to IAMD issues. JIAMDO is the IAMD proponent for requirements and capabilities within the DoD's resource allocation system. JIAMDO leads IAMD mission and utility analysis, integrates IAMD within the force protection joint capability area, and conducts evaluations of joint IAMD architectures.

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

|  | FY 2022 | FY 2023 | FY 2024 |
|--|---------|---------|---------|
| <b>Title:</b> JIAMDO Nimble Fire   | 19.876  | 13.797  | 18.343  |
| <p><b>Description:</b> Nimble Fire is the Department's only IAMD operator-in-the-loop modeling and simulation capability supporting the Chairman's top five critical joint IAMD capabilities: wide-area surveillance and engagement quality tracking, pre-launch interdiction, non-kinetic post-launch capabilities, ballistic missile discrimination, and increased weapons ranges and lethality. Nimble Fire events generally explore joint IAMD capabilities and concepts in the FYDP plus two timeframe. The events combine experienced operators from the tactical communities, virtual simulations accredited by the program offices, current and future advanced capabilities, an integrated air, ballistic and cruise missile threat, and informed scenarios based on the Department's analytical agenda and CCMD operational plans. JIAMDO brings together stakeholders across the engineering, analytical, and tactical communities to assess Joint interoperability of Service and MDA programs of record, explore concepts of employment, inform tactics, techniques and procedures and concepts of operation, provide insights that help shape CCMD integrated priorities and future operational plans, and inform senior leader acquisition and requirements decisions.</p> <p><b>FY 2023 Plans:</b></p> |         |         |         |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 The Joint Staff  |   | <b>Date:</b> March 2023                                   |                |                |
| <b>Appropriation/Budget Activity</b><br>0400 / 6   | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / <i>Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i> | <b>Project (Number/Name)</b><br>P005 / <i>Nimble Fire</i> |                |                |
| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>  |   | <b>FY 2022</b>  | <b>FY 2023</b> | <b>FY 2024</b> |
| <p>Execute two Nimble Fire events in support of the Combatant Commands, the Services, and MDA. Upgrades to improve EW and multi-domain modeling &amp; simulation capabilities at the Virtual Warfare Center. Multi-domain primarily refers to space, attack or offensive operations, cyber effects and unmanned systems.</p> <p><b>FY 2024 Plans:</b><br/>Modest increase to restore NIMBLE FIRE funding levels to projected costs of executing two NIMBLE FIRE events and multi-domain upgrades to the environment. Multi-domain primarily refers to space, attack or offensive operations, cyber effects and unmanned systems.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br/>The FY 2023 request included an inadvertent programming error with \$6.018M shifted from CORE (P001) to NIMBLE FIRE (P005). FY 2024 increase restores NIMBLE FIRE funding levels to projected costs of executing two Nimble Fire events and multi-domain upgrades to the environment. Multi-domain primarily refers to space, attack or offensive operations, cyber effects and unmanned systems.</p> |   |   |                |                |
| <b>Accomplishments/Planned Programs Subtotals</b>  |   | 19.876  | 13.797         | 18.343         |
| <b>C. Other Program Funding Summary (\$ in Millions)</b>   |   |   |                |                |
| N/A  |   |   |                |                |
| <b>Remarks</b>   |   |   |                |                |
| <b>D. Acquisition Strategy</b>   |   |   |                |                |
| N/A  |   |   |                |                |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 The Joint Staff |                    |                |                |                     |  |                      |                |                |   | <b>Date:</b> March 2023 |                         |                   |
| <b>Appropriation/Budget Activity</b><br>0400 / 6                              |                    |                |                |                     | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO) |                      |                |                | <b>Project (Number/Name)</b><br>P006 / Cruise Missile Combat Identification (CID) |                         |                         |                   |
| <b>COST (\$ in Millions)</b>  | <b>Prior Years</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b>   | <b>FY 2024 Total</b> | <b>FY 2025</b> | <b>FY 2026</b> | <b>FY 2027</b>  | <b>FY 2028</b>          | <b>Cost To Complete</b> | <b>Total Cost</b> |
| P006: Cruise Missile Combat Identification (CID)                              | 88.924             | 4.433          | 3.911          | 5.211               | -  | 5.211                | 5.275          | 5.321          | 5.474   | 5.584                   | -                       | -                 |
| Quantity of RDT&E Articles  | -                  | -              | -              | -                   | -  | -                    | -              | -              | -   | -                       |                         |                   |

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

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

|   | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|---|----------------|----------------|----------------|
| <b>Title:</b> Cruise Missile Combat Identification (CID)  | 4.433          | 3.911          | 5.211          |
| <b>Description:</b> Establishes joint requirements for emerging national and tactical combat identification technology and advocates for fielding CID technology to frontline weapon systems. Monitors, assesses, and enhances current joint air and cruise missile defense combat ID programs. |                |                |                |
| <b>FY 2023 Plans:</b><br>Details of this program are classified and will be provided under a separate cover.  |                |                |                |
| <b>FY 2024 Plans:</b><br>Details of this program are classified and will be provided under a separate cover.  |                |                |                |
| <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br>FY 2024 increase to account for developing additional CID capacity/capability with mission partners. Details are classified and will be provided under a separate cover.  |                |                |                |
| <b>Accomplishments/Planned Programs Subtotals</b>   | 4.433          | 3.911          | 5.211          |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 The Joint Staff |   | <b>Date:</b> March 2023  |
| <b>Appropriation/Budget Activity</b><br>0400 / 6                              | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / <i>Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i> | <b>Project (Number/Name)</b><br>P006 / <i>Cruise Missile Combat Identification (CID)</i> |

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

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**Exhibit R-2A, RDT&E Project Justification:** PB 2024 The Joint Staff **Date:** March 2023

| <b>Appropriation/Budget Activity</b><br>0400 / 6 |             |         |         |              | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO) |               |         |         | <b>Project (Number/Name)</b><br>P007 / Homeland Defense Capability |         |                  |            |
|--|-------------|---------|---------|--------------|--|---------------|---------|---------|--|---------|------------------|------------|
| 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 |
| P007: Homeland Defense Capability                | 46.748      | 14.700  | 16.578  | 22.120       | -  | 22.120        | 22.153  | 21.969  | 22.117   | 22.560  | -                | -          |
| Quantity of RDT&E Articles                       | -           | -       | -       | -            | -  | -             | -       | -       | -  | -       |                  |            |

**Note**

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

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

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

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

|   | FY 2022 | FY 2023 | FY 2024 |
|---|---------|---------|---------|
| <b>Title:</b> Homeland Defense Capability   | 14.700  | 16.578  | 22.120  |
| <b>Description:</b> Develop Homeland Defense Capability   |         |         |         |
| <b>FY 2023 Plans:</b><br>Perform technology development efforts. Further details are reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.             |         |         |         |
| <b>FY 2024 Plans:</b><br>Continue to perform technology development efforts. Further details are reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. |         |         |         |
| <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br>The increase reflects increased support for Homeland Defense Capability.  |         |         |         |
| <b>Accomplishments/Planned Programs Subtotals</b>   | 14.700  | 16.578  | 22.120  |

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2024 The Joint Staff **Date:** March 2023

|  |  |   |
|--|--|---|
| <b>Appropriation/Budget Activity</b><br>0400 / 6 | <b>R-1 Program Element (Number/Name)</b><br>PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO) | <b>Project (Number/Name)</b><br>P008 / Joint Regional Integrated Air and Missile Defense Capabilities Mix (JRICM) |
|--|--|---|

| 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 |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| P008: Joint Regional Integrated Air and Missile Defense Capabilities Mix (JRICM) | -           | 0.000   | 0.000   | 1.633        | -           | 1.633         | 1.699   | 1.766   | 1.837   | 1.911   | -                | -          |
| Quantity of RDT&E Articles   | -           | -       | -       | -            | -           | -             | -       | -       | -       | -       |                  |            |

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

Annual support to the Joint Regional Integrated Air and Missile Defense Capabilities Mix (JRICM) study.

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

|  | FY 2022 | FY 2023 | FY 2024 |
|--|---------|---------|---------|
| <b>Title:</b> JRICM Study  | -       | -       | 1.633   |
| <b>Description:</b> Joint Regional Integrated Air and Defense Capability Mix (JRICM) will use analysis of adversary ballistic and cruise missile capabilities to determine if a layered missile defense can successfully degrade or defeat adversary missile attacks to extend base defense duration and maintain aircraft sortie generations rates. Funding will enable the study to proceed with support from the various government organizations and FFRDCs. Organizations will be funded to develop detailed analysis using modeling and simulation to study and evaluate defense capabilities (kinetic and non-kinetic) in the 2030 timeframe. |         |         |         |
| <b>FY 2024 Plans:</b><br>Conduct studies and analysis on air and missile defense capability mix. Deliveries will include briefings summarizing the impact that layered defense capabilities have on extending defense durations and aircraft sortie generation rate. Specific details are classified and can be provided upon request.   |         |         |         |
| <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br>Establishes a separate project line to provide programmatic visibility for this high-profile capabilities mix study.   |         |         |         |
| <b>Accomplishments/Planned Programs Subtotals</b>  | -       | -       | 1.633   |

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A