

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Office of the Secretary Of Defense **Date:** March 2024

<b>Appropriation/Budget Activity</b> 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> PE 0604875D8Z I <i>Joint Systems Architecture Development</i>
--	---

COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	52.406	6.277	8.426	9.690	-	9.690	9.274	9.338	9.577	9.822	Continuing	Continuing
875: <i>Portfolio Systems Acquisition (PSA)</i>	37.502	3.867	4.744	6.347	-	6.347	6.184	6.270	6.458	6.645	Continuing	Continuing
220: <i>Electronic Warfare Executive Committee</i>	14.904	2.410	3.682	3.343	-	3.343	3.090	3.068	3.119	3.177	Continuing	Continuing

**Note**

New Start (Y/N): No

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

The Joint Systems Architecture Development (JSAD) program supports the National Defense Strategy (NDS) imperative to build enduring advantages and provide integrated deterrence, and NDS priorities of defending the homeland; deterring strategic attacks against the US and our allies; deterring aggression; and building a resilient joint force. The program is broken up into two focus areas: Portfolio Systems Acquisition, supporting air, land, sea, and undersea warfare programs and munitions; and Electronic Warfare Executive Committee (EW EXCOM), supporting the statutory responsibilities of the EXCOM.

All efforts within the Office of the Deputy Assistant Secretary of Defense (DASD) for Platform and Weapon Portfolio Management (PWPM) strive to deliver the warfighter the best equipment and systems, and to do so by performing top down, national security strategy-driven, capabilities-based planning by fully leveraging Department and acquisition reform initiatives.

Department of Defense (DoD) Instruction 5000.02 and Chairman of the Joint Chiefs of Staff Instruction 3170.01 promulgate capabilities-based requirements and acquisition processes. The JSAD program enables collaborative efforts to achieve these goals with a focus on Major Defense Acquisition Programs (MDAPs) and integrated acquisition portfolio management. These efforts entail integrated roadmaps to support acquisition investment decisions, and assessments of MDAPs and other linchpin acquisition efforts in a capability area context. Activities in the JSAD project are focused on three areas:(1) integrated acquisition portfolio analysis; (2) acquisition roadmaps; and (3) acquisition decision support. These efforts guide the development and fielding of integrated acquisition systems in order to achieve Joint mission capabilities across the operational domain to defend against any global threats.

The Department uses enterprise-wide approaches which include:(1) horizontal integration within the Department and unity of effort through greater interagency collaboration; (2) engaging in a coordinated and portfolio-based approach to planning, programming, budgeting and execution; and (3) significant reforms at the governance, management and execution levels. To accomplish this intent, there needs to be a focused goal and concerted emphasis on shifting from systems acquisition to portfolio systems acquisition.

**UNCLASSIFIED**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 Office of the Secretary Of Defense	<b>Date:</b> March 2024
---	-------------------------

<b>Appropriation/Budget Activity</b> 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> PE 0604875D8Z I <i>Joint Systems Architecture Development</i>
--	---

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	6.610	8.426	8.105	-	8.105
Current President's Budget	6.277	8.426	9.690	-	9.690
Total Adjustments	-0.333	0.000	1.585	-	1.585
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.091	-			
• SBIR/STTR Transfer	-0.242	-			
• Program Adjustments for Integrated Acquisition Portfolio Reviews	-	-	1.585	-	1.585

**Change Summary Explanation**

Increase in FY 2025 provides funding to enable the Office of Under Secretary of Defense for Acquisition and Sustainment (OUSD(A&S)) and the Assistant Secretary of Defense for Acquisition (ASD(A)) to meet the Deputy Secretary of Defense priorities in expanding and institutionalizing the Integrated Acquisition Portfolio Reviews (IAPR) and Competitive Acquisition Pathways.

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / Joint Systems Architecture Development				<b>Project (Number/Name)</b> 875 / Portfolio Systems Acquisition (PSA)			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
875: Portfolio Systems Acquisition (PSA)	37.502	3.867	4.744	6.347	-	6.347	6.184	6.270	6.458	6.645	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Portfolio Systems Acquisition supports air, land, sea, and undersea warfare programs and munitions with a focus on Major Defense Acquisition Programs (MDAPs) and integrated acquisition portfolio management. These efforts entail integrated roadmaps to support acquisition investment decisions, and assessments of MDAPs and other linchpin acquisition efforts in a capability area context. PSA funds provide support in the areas of (1) integrated acquisition portfolio analysis; (2) acquisition roadmaps; and (3) acquisition decision support. These efforts guide the development and fielding of integrated acquisition systems in order to achieve Joint mission capabilities across the operational domain to defend against any global threats.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Portfolio Systems Acquisition (PSA)	3.867	4.744	6.347
<p><b>Description:</b> FY 2023 Accomplishments:</p> <ul style="list-style-type: none"> <li>- Continued efforts to further develop Capability Portfolio Management practices. Led and completed 4 Integrated Area Portfolio Assessments (IAPRs) focused Air and Cruise Missile Defense of the Homeland, C-C5ISR&amp;T, Cyber Hardening of Priority Defense Systems, and TACAIR 2.0.</li> <li>- Led Integrated Portfolio Reviews and DABs for Columbia Full Rate Production (FRP) and IBCS FRP ACAT-1D programs.</li> <li>- Conducted Mid-Tier Acquisition (MTA) Advisory Board reviews in support of M-SHORAD, IVAS, LRHW and PrSM systems. Developed/updated the following DoD Directives: Capability Portfolio Management, C-sUAS Governance, and Munitions Requirements Process (MRP)_Implementation Guide</li> <li>- Provided Senior Level recommendations in support of PB24 Budget Reviews by leading 3 Focus Areas (Kill Chain, Force Modernization 1, Kinetic and Non-Kinetic Weapons) consisting of 12 Program Review Teams (PRTs)</li> <li>- Led the National Armaments Director (NAD) Working Group in support of Ukraine in the Areas of Integrated Air Defense and Air to Ground Weapons. Provided expertise in acquisition, production and industrial based recommendations in support of Ukraine.</li> <li>- Provided Senior Level recommendations to the Ukraine Senior Integration Group established to evaluate Ukraine needs and source capability either through current stock or development of capability to address Russian aggression. Supported</li> </ul>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / <i>Joint Systems Architecture Development</i>	<b>Project (Number/Name)</b> 875 / <i>Portfolio Systems Acquisition (PSA)</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>the development and implementation of 45 Presidential Drawdown Authority (PDA) packages (\$24B) and 9 Ukraine Security Assistance Tranches (\$62.9B). Also responsible for the review and approval of 15 Replenishment Tranches (\$25.9B) in support of the U.S.</p> <ul style="list-style-type: none"> <li>- Provided Senior Level recommendation to Taiwan Senior Integration Group in support of \$1B in Presidential Drawdown Authority (PDA) consisting of 2 PDA packages.</li> <li>- Lead for ASD(A) in support of Foreign Military Sales (FMS) Tiger Team established to evaluate timelines associated with timely execution of FMS process.</li> </ul> <p><b>FY 2024 Plans:</b></p> <ul style="list-style-type: none"> <li>- Continue efforts to further develop Capability Portfolio Management practices, including supporting Mission Engineering principles in an effort to make both practices more widespread in use through the Office of the Secretary of Defense, the Joint Staff, and the services.</li> <li>- Further develop portfolio management of programs falling within the Air, Ground, Maritime and Electromagnetic Warfare mission areas, to include application of mission engineering analysis of kill chains.</li> <li>- Continue to identify portfolio and program synergies, reduce duplication, and identify opportunities for cost savings.</li> <li>- Continue to provide technical expertise in support of warfare area portfolios.</li> <li>- Continue to assess progress of program management initiatives and continue support to a variety of certification and qualification standards activities.</li> <li>- Continue to update roadmaps and, where appropriate, generate new roadmaps to guide investments in critical areas (e.g., future vertical lift, unmanned systems, ground vehicles, weapons/munitions, and Integrated Air and Missile Defense (IAMD)).</li> <li>- Continue analytical support for the ground combat vehicle portfolio.</li> <li>- Continue analytical support for the naval warfare portfolio.</li> <li>- Continue analytical support for the munitions process, from requirements generation to demilitarization.</li> </ul>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / <i>Joint Systems Architecture Development</i>	<b>Project (Number/Name)</b> 875 / <i>Portfolio Systems Acquisition (PSA)</i>

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

- Further implement Mission Engineering practices within A&S to evaluate warfighter priority mission areas with a rigorous, data-driven analytic process to determine how systems work together in an operationally relevant environment and identify ways to integrate technology and systems to provide affordable capability solutions for our warfighters.
- Respond to Government Accountability Office inquiries.
- Respond to DoD Inspector General inquiries.
- Review Council on Foreign Investment in the United States cases.
- Continue to reshape focus and drive solution-oriented outcomes and decisions in all senior-level leadership meetings for the F-35 program to include Executive Steering Groups and other information and decision forums.
- Continue to collaborate and shape outcomes across all Programming and Budget Review activities such as Strategic Portfolio Reviews, Issue Teams, Competitive Area Studies.
- Continue to provide support and participate, as needed, in the Joint Capabilities Integration and Development process, to include functional warfare working groups, Functional Capabilities Boards, Joint Capabilities Boards and Joint Requirements Oversight Council.
- Continue to lead, participate in, and provide support to the Strategic Portfolio Reviews and assigned issue paper teams.
- Continue to provide support to the Deputy's Management Action Group and shape outcomes through analytical efforts.
- Continue to provide support to the Secretary's Weekly Priority Review.
- Continue to provide support to the 3 Star Programmer's meetings.

**FY 2025 Plans:**

- Continue efforts to further develop Capability Portfolio Management practices, including supporting Mission Engineering principles in an effort to make both practices more widespread in use through the Office of the Secretary of Defense, the Joint Staff, and the services.

FY 2023	FY 2024	FY 2025

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / <i>Joint Systems Architecture Development</i>	<b>Project (Number/Name)</b> 875 / <i>Portfolio Systems Acquisition (PSA)</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<ul style="list-style-type: none"> <li>- Further develop portfolio management of programs falling within the Air, Ground, and Maritime mission areas, to include application of mission engineering analysis of kill chains.</li> <li>- Continue to identify portfolio and program synergies, reduce duplication, and identify opportunities for cost savings.</li> <li>- Continue to provide technical expertise in support of warfare area portfolios.</li> <li>- Continue to assess progress of program management initiatives and continue support to a variety of certification and qualification standards activities.</li> <li>- Continue to update roadmaps and, where appropriate, generate new roadmaps to guide investments in critical areas (e.g., future vertical lift, unmanned systems, ground vehicles, weapons/munitions, and Integrated Air and Missile Defense (IAMD)).</li> <li>- Continue analytical support for the ground combat portfolio.</li> <li>- Continue analytical support for the naval warfare portfolio.</li> <li>- Continue analytical support for the air warfare portfolio.</li> <li>- Continue analytical support for acquisition efforts related to the air leg of the nuclear triad, such as strategic bomber modernization and nuclear command and control aircraft.</li> <li>- Continue analytical support for the munitions process, from requirements generation to demilitarization.</li> <li>- Further implement Integrated Acquisition Portfolio Management practices within A&amp;S to evaluate how systems work together in an operationally relevant environment and identify ways to integrate technology and systems to provide affordable capability solutions for our warfighters.</li> <li>- Respond to Government Accountability Office inquiries.</li> <li>- Respond to DoD Inspector General inquiries.</li> <li>- Review Council on Foreign Investment in the United States cases.</li> </ul>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / <i>Joint Systems Architecture Development</i>	<b>Project (Number/Name)</b> 875 / <i>Portfolio Systems Acquisition (PSA)</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p>- Continue to support senior leadership decisions through acquisition review meetings such as Defense Acquisition Boards, In Progress Reviews, and F-35 Executive Steering Groups and other information and decision forums.</p> <p>- Continue to collaborate and shape outcomes across all Programming and Budget Review activities such as Strategic Portfolio Reviews, Issue Teams, Competitive Area Studies.</p> <p>- Continue to provide acquisition expertise and insight, as needed, in the Joint Capabilities Integration and Development process, to include functional warfare working groups, Functional Capabilities Boards, Joint Capabilities Boards and Joint Requirements Oversight Council.</p> <p>- Continue to lead, participate in, and provide support to the Strategic Portfolio Reviews and Program Budget Review.</p> <p>- Continue to provide support to the Deputy's Management Action Group and shape outcomes through analytical efforts.</p> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> Increase in FY 2025 provides funding to enable the USD(A&amp;S) and OUSD (A) to meet the Deputy Secretary of Defense priorities in expanding and institutionalizing the Integrated Acquisition Portfolio Reviews (IAPR) and Competitive Acquisition Pathways.</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		3.867	4.744	6.347
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
N/A				

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 0400 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / Joint Systems Architecture Development				<b>Project (Number/Name)</b> 220 / Electronic Warfare Executive Committee			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
220: <i>Electronic Warfare Executive Committee</i>	14.904	2.410	3.682	3.343	-	3.343	3.090	3.068	3.119	3.177	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Electromagnetic Warfare (EW) Executive Committee (EXCOM) - co-chaired by the Under Secretary of Defense for Acquisition & Sustainment (USD(A&S)), and the Vice Chairman of the Joint Chiefs of Staff (VCJCS) - is tasked to provide senior oversight, coordination, budget/capability harmonization, and advice on EW matters to the Secretary of Defense, Deputy Secretary of Defense, and the Deputy's Management Action Group. This program provides technical analyses, technology assessments, capability and capability gap identification, intelligence and threat evaluations to inform DoD EW requirements, acquisition programs, and investment decisions. This program also advances EW needs in modeling, simulation, test, exercises, experimentation, and training.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Electronic Warfare Executive Committee	2.410	3.682	3.343
<b>Description:</b> FY 2023 Accomplishments:			
- Completed EW EXCOM analysis of EW Counter-C5ISR capabilities and Electromagnetic Spectrum Operations Operational Assessment.			
- Continued cross-Service collaboration on and demonstrations of EW materiel solutions in Army and Navy.			
- Continued mission analysis of Airborne Electromagnetic Attack capabilities to support EW missions, including Suppression of Enemy Air Defenses.			
- Completed DoD Directed Energy (DE) capabilities analysis and DoD DE management processes review.			
- Continued to develop international partnerships in EW capabilities with key allies, including Australia and the UK.			
- Continued to analyze Department EW capability gaps to inform future DoD EW investment in programs and systems.			
<b>FY 2024 Plans:</b>			
- Continue mission engineering analyses and integration to incorporate soft kill and Electromagnetic Warfare effects and weapon systems in critical mission thread areas in order to meet evolving threats.			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense	<b>Date:</b> March 2024
--	-------------------------

<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / <i>Joint Systems Architecture Development</i>	<b>Project (Number/Name)</b> 220 / <i>Electronic Warfare Executive Committee</i>
--	---	---

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<ul style="list-style-type: none"> <li>- Continue to develop plans and conduct DOTMLPF-P initiatives to implement the Department's EW strategy.</li> <li>- Continue to perform the necessary analytic underpinning to develop and field advanced EW capabilities, including EW manning, training, exercises, modeling and simulation.</li> <li>- Continue to identify opportunities for Cross-Service EW collaboration, including EW research and development, acquisition programs, multi-purpose hardware and software, and other initiatives to increase EW investment efficiencies and promote interoperability.</li> </ul> <p><b><i>FY 2025 Plans:</i></b> FY 2025 Plans:</p> <ul style="list-style-type: none"> <li>- Continue mission engineering analyses and integration to incorporate Electromagnetic Warfare effects and capabilities in critical mission thread areas in order to meet evolving threats.</li> <li>- Continue to develop plans and conduct DOTMLPF-P initiatives to advance the Department's EW capabilities strategy.</li> <li>- Continue to perform the necessary analytic underpinning to develop and field advanced EW capabilities, including EW manning, training, exercises, modeling and simulation.</li> <li>- Continue to identify opportunities for Cross-Service EW collaboration, including EW research and development, acquisition programs, multi-purpose hardware and software, and other initiatives to increase EW investment efficiencies and promote interoperability.</li> <li>-Update operational requirements and develop options for Airborne Electromagnetic Attack material solutions to meet the threat.</li> </ul> <p><b><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> FY 2025 decrease is due to internal Department program realignments.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	2.410	3.682	3.343

<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A	
<b>Remarks</b>	

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0604875D8Z / <i>Joint Systems Architecture Development</i>	<b>Project (Number/Name)</b> 220 / <i>Electronic Warfare Executive Committee</i>

**D. Acquisition Strategy**  
N/A