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

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0606301D8Z I <i>Aviation Safety Technologies</i>
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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	0.000	0.000	0.213	1.885	-	1.885	1.885	1.885	1.885	1.885	Continuing	Continuing
057: <i>Force Safety & Occupational Health (FSOH)</i>	0.000	0.000	0.213	1.885	-	1.885	1.885	1.885	1.885	1.885	Continuing	Continuing

Note

New Start (Y/N): No

A. Mission Description and Budget Item Justification

This effort supports the Department's initiative of Taking Care of Our People. The requirements are aligned to Department of Defense (DoD)/Federal strategic direction to include the DoD Digital Modernization Strategy, DoD and Federal Data Strategies, Personnel and Readiness Strategy for 2030, and the DoD Safety and Occupational Health (SOH) Strategic Plan.

To protect the lives, safety, health, and welfare of the DoD workforce, and the significant investments we make in our weapons systems, platforms, and infrastructure, we must acknowledge and provide adequate resources for SOH. Ensuring the safety of our workforce requires an enduring safety culture, where regular and consistent hazard, near-miss and mishap reporting is the norm – at least on-par with industry and the private sector aviation and industrial communities. According to the 2020 National Commission on Military Aviation Safety (NCMAS) report, this begins with a centralized system and processes with which to gather, synthesize, and report Safety information at all levels. In addition to the NCMAS report, 10 United States Code Service (USCS) 184 directs the Department to establish uniform data collection standards and a centralized collection system for mishap information. Currently, the DoD collects SOH information from disparate, incomplete, and often overlapping sources - a process that hinders opportunities for timely and in-depth analysis to support Department-wide mishap prevention efforts. Many of the DoD Components, including some of the Combatant Commands, do not have a safety information management system to enter, track, or manage mishaps, near-misses, or hazards. Without such a system and process, the Department is unable to adequately identify and analyze trends across the DoD Components, share lessons learned, and track corrective actions in response to recommendations. This effort addresses the Congressional requirements and fulfills capability gaps through modernization of the Force Risk Reduction tool to a safety information case management system. The system will be based on the Department's safety processes and data standards, which are being incorporated into Department of Defense Instruction (DoDI) 6055.07 "Mishap Notification, Investigation, Reporting, and Record Keeping." A central SOH information management system based on the safety business processes and data standards will provide the capability to those DoD Components without an existing automated tool and will be available for all DoD Components. It will continue to consolidate all SOH information and provide leaders with current, accurate, and actionable safety information and insights to forecast, mitigate, and prevent future mishaps, injuries, and occupational illnesses, and to drive safety innovation and modernization. Failure to receive this funding will result in non-compliance with Title 10 U.S.C. §184 requirements. Expanding FR2 functionality is the most efficient and effective approach to providing a compliant centralized safety collection and information management capability and repository. Without this funding, the Department will continue to lack a complete understanding of safety impacts to our personnel and operational readiness. Mishap reporting will continue to be inconsistent, and the Department will struggle to manage and share recommendations and lessons learned across the enterprise. These persistent gaps will negatively impact our ability to make timely and informed risk decisions and resource investments for mishap prevention solutions. Oversight of the Department's safety enterprise requires a deliberate data informed focus and priority commensurate with the Department's overall governance approach.

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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> / BA 6: <i>RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0606301D8Z / <i>Aviation Safety Technologies</i>
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B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	0.000	0.213	1.885	-	1.885
Current President's Budget	0.000	0.213	1.885	-	1.885
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Change Summary Explanation

No change in FY 2025 from previous PB.

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

Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0606301D8Z / Aviation Safety Technologies				Project (Number/Name) 057 / Force Safety & Occupational Health (FSOH)			
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
057: Force Safety & Occupational Health (FSOH)	0.000	0.000	0.213	1.885	-	1.885	1.885	1.885	1.885	1.885	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0606301D8Z / Aviation Safety Technologies	Project (Number/Name) 057 / Force Safety & Occupational Health (FSOH)

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p>Title: Force Safety & Occupational Health (FSOH)</p> <p>Description: Modernize Force Risk Reduction with a safety information case management tool for entering, tracking, and managing the lifecycle of mishaps, near misses, and hazards from identification through investigation to mitigation, as well as the sharing of lessons learned and best practices.</p> <p>FY 2024 Plans: Develop safety information case management tool based on defined and approved safety data business processes and standards and conduct pilot program with select DoD Components that do not have an existing safety information management system.</p> <p>FY 2025 Plans: Update tool based on feedback from pilot participants, ensure information security, develop data transmission feed to Advana, and expand development from pilot to initial operational capability for additional DoD Components without an existing system.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: FY 2025 increase supports ongoing evolution of the safety information case management tool to expand to additional DoD Component users, conduct further testing as needed, address deficiencies, ensure capabilities meet safety data and process standards, provide training, and prepare for implementation.</p>	0.000	0.213	1.885
Accomplishments/Planned Programs Subtotals	0.000	0.213	1.885

<p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks</p> <p>D. Acquisition Strategy N/A</p>
