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

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy I BA 6: RDT&E Management Support</i>					R-1 Program Element (Number/Name) PE 0606295M I (U)MARINE AVIATION DEVEL MANAGEMENT & 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
Total Program Element	0.000	0.000	0.000	5.000	-	5.000	5.105	5.208	5.311	5.417	Continuing	Continuing
3753: <i>Capability Development Support</i>	0.000	0.000	0.000	5.000	-	5.000	5.105	5.208	5.311	5.417	Continuing	Continuing

Note

This effort is a FY 2025 new start.

A. Mission Description and Budget Item Justification

Marine Aviation Developmental Management and Support enables the development of Marine Aviation's future capability concepts through analytically rigorous study, modeling, simulation, and validation. This Program Element (PE) includes funding for the integration of Marine Aviation into the USMC's Navy Capabilities-Based Assessments Integration Process - Marine Corps (NCIP-MC) processes as well as support to ongoing joint warfighting effectiveness efforts lead by OSD Cost Assessment and Program Evaluation (CAPE) and Research & Engineering (R&E). Fully informed wargaming and operational analysis conducted via this PE will ensure Marine Aviation development programs are driven by threat data and analysis resulting in impactful, comprehensive investment decisions. This PE will inform development and prototype efforts, which progress high-risk technology areas in support of future Marine Aviation capabilities.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RESEARCH, DEVELOPMENT, TEST and EVALUATION MANAGEMENT SUPPORT because it supports efforts directed toward sustaining or modernizing installations or operations required for general research, development, test and evaluation.

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	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	5.000	-	5.000
Total Adjustments	0.000	0.000	5.000	-	5.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	5.000	-	5.000
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000

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Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy</i> / BA 6: <i>RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0606295M / (U) <i>MARINE AVIATION DEVEL MANAGEMENT & SUPPORT</i>	
<u>Change Summary Explanation</u> Technical: Not applicable. Schedule: Not applicable. Cost: Funds increase from FY 2024 to FY 2025 due to PE new start.		

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy										Date: March 2024		
Appropriation/Budget Activity 1319 / 6					R-1 Program Element (Number/Name) PE 0606295M / (U)MARINE AVIATION DEV EL MANAGEMENT & SUPPORT				Project (Number/Name) 3753 / Capability Development 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
3753: Capability Development Support	0.000	0.000	0.000	5.000	-	5.000	5.105	5.208	5.311	5.417	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Capability Development Support will provide Marine Aviation with the capability to conduct fully informed mission and operational analysis, driven by threat data and guided by Force Design 2030. As USMC tactics evolve in support of the Stand-in Force (SiF), this PU informs investment decisions for future Marine Aviation capabilities and drives innovation through the validation of Science and Technology (S&T) transitions into both legacy and future Fleet assets.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Capability Development Support	0.000	0.000	5.000	0.000	5.000
Articles:	-	-	-	-	-
FY 2024 Plans: N/A					
FY 2025 Base Plans: Tasks to be performed include: Developmental and Operational test and evaluation planning and development, mission effectiveness and operational analysis, studies and rapid prototyping. Operational effectiveness and high-fidelity threat analysis will be supported by the Virtual Warfare Center (VWC), Federally Funded Research and Development Centers (FFRDC), and University Affiliated Research Centers (UARC). Analytical rigor will be provided by planned efforts to integrate within the USN's NCIP and the USMC's NCIP-MC processes, as well as continued cross-service collaboration efforts with the Navy, Army, and Air Force. Validation of Marine Aviation requirements and investment decisions will be conducted utilizing new and legacy MS&A infrastructure to include facilities, laboratories, and integrated development environment associated software and hardware. Efforts will include working with transition partners across the Services to ensure effective investment strategies resulting in capability delivered to the Warfighter via Joint MS&A.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement:					

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Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0606295M / (U)MARINE AVIATION DEVELOPMENT MANAGEMENT & SUPPORT	Project (Number/Name) 3753 / Capability Development Support

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Funds increase from FY 2024 to FY 2025 is due to the creation of new "Capability Development Support" Project Unit.					
Accomplishments/Planned Programs Subtotals	0.000	0.000	5.000	0.000	5.000

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

N/A

Remarks

D. Acquisition Strategy

N/A