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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603291D8Z I <i>Advanced Innovative Analysis & Concepts - MHA</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	42.595	14.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	56.763
251: <i>SCO Operational Costs</i>	42.595	14.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	56.763

Note

New Start (Y/N): No

Funds have been transferred to USRE PE 0603289D8Z in FY 2022.

A. Mission Description and Budget Item Justification

The Strategic Capabilities Office (SCO) conducts analysis to identify and accelerate the development, demonstration, and transition of game-changing capabilities to shape and counter emerging threats and increase the lethality of the Joint Force in contested environments. In a partnership endeavor across the Office of the Secretary of Defense (OSD), Joint Staff, Combatant Commands (CCMDs), the Services, the Intelligence Community (IC), and other U.S. Government agencies, SCO combines capability innovation with new concepts for warfighting that leverage new technology areas, including autonomy, artificial intelligence, and machine learning. SCO conducts projects on accelerated timelines, in all warfighting domains, at any classification or access level.

The Advanced Innovative Analysis and Concepts Program Element supports development, studies, analysis of integrated concepts and prototypes, analysis in support of ongoing efforts to shape and counter emerging threats, cross-Service and cross-Defense/Intelligence concepts, and red-teaming. Projects focus on proving component and subsystem maturity prior to integration in major systems, and may involve risk reduction initiatives. This Program Element also supports the development of concept proposals for assessment by the Technical and Transition Cross Functional Teams established in accordance with the National Defense Authorization Act (NDAA) for FY 2020 for full development under the Advanced Innovative Technologies Program Element. Due to the nature of these projects, specific applications and detailed plans are available at a higher classification level.

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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603291D8Z / <i>Advanced Innovative Analysis & Concepts - MHA</i>
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B. Program Change Summary (\$ in Millions)	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>
Previous President's Budget	14.703	0.000	0.000	0.000	0.000
Current President's Budget	14.168	0.000	0.000	0.000	0.000
Total Adjustments	-0.535	0.000	0.000	0.000	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.003	-			
• SBIR/STTR Transfer	-0.532	-			

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

Funds have been transferred to USRE PE 0603289D8Z in FY 2022.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603291D8Z / <i>Advanced Innovative Analysis & Concepts - MHA</i>	Project (Number/Name) 251 / <i>SCO Operational Costs</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
251: <i>SCO Operational Costs</i>	42.595	14.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	56.763
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Funds were transferred to USRE PE 0603289D8Z in FY 2022.

A. Mission Description and Budget Item Justification

The Strategic Capabilities Office (SCO) conducts analysis to identify and accelerate the development, demonstration, and transition of game-changing capabilities to shape and counter emerging threats and increase the lethality of the Joint Force in contested environments. In a partnership endeavor across the Office of the Secretary of Defense (OSD), Joint Staff, Combatant Commands (CCMDs), the Services, the Intelligence Community (IC), and other U.S. Government agencies, SCO combines capability innovation with new concepts for warfighting that leverage new technology areas, including autonomy, artificial intelligence, and machine learning. SCO conducts projects on accelerated timelines, in all warfighting domains, at any classification or access level.

The Advanced Innovative Analysis and Concepts Program Element supports development, studies, analysis of integrated concepts and prototypes, analysis in support of ongoing efforts to shape and counter emerging threats, cross-Service and cross-Defense/Intelligence concepts, and red-teaming. Projects focus on proving component and subsystem maturity prior to integration in major systems, and may involve risk reduction initiatives. This Program Element also supports the development of concept proposals for assessment by the Technical and Transition Cross Functional Teams established in accordance with the NDAA for FY 2020 for full development under the Advanced Innovative Technologies Program Element. Due to the nature of these projects, specific applications and detailed plans are available at a higher classification level.

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

	FY 2021	FY 2022	FY 2023
Title: SCO Operational Costs - MHA	14.168	-	-
<p>Description: The Strategic Capabilities Office (SCO) conducts analysis to identify and accelerate the development, demonstration, and transition of game-changing capabilities to shape and counter emerging threats and increase the lethality of the Joint Force in contested environments. In a partnership endeavor across the Office of the Secretary of Defense (OSD), Joint Staff, Combatant Commands (CCMDs), the Services, the Intelligence Community (IC), and other U.S. Government agencies, SCO combines capability innovation with new concepts for warfighting that leverage new technology areas, including autonomy, artificial intelligence, and machine learning. SCO conducts projects on accelerated timelines, in all warfighting domains, at any classification or access level.</p> <p>The Advanced Innovative Analysis and Concepts Program Element supports development, studies, analysis of integrated concepts and prototypes, analysis in support of ongoing efforts to shape and counter emerging threats, cross-Service and cross-</p>			

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Appropriation/Budget Activity 0400 / 3	R-1 Program Element (Number/Name) PE 0603291D8Z / <i>Advanced Innovative Analysis & Concepts - MHA</i>	Project (Number/Name) 251 / <i>SCO Operational Costs</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2021	FY 2022	FY 2023
Defense/Intelligence concepts, and red-teaming. Projects focus on proving component and subsystem maturity prior to integration in major systems, and may involve risk reduction initiatives. This Program Element also supports the development of concept proposals for assessment by the Technical and Transition Cross Functional Teams established in accordance with the National Defense Authorization Act for FY 2021 for full development under the Advanced Innovative Technologies Program Element. Due to the nature of these projects, specific applications and detailed plans are available at a higher classification level.			
Accomplishments/Planned Programs Subtotals	14.168	-	-

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

N/A

Remarks

D. Acquisition Strategy

N/A