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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 United States Special Operations Command **Date:** March 2024

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 1160480BB / <i>SOF Tactical Vehicles</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	67.164	10.542	9.335	9.025	-	9.025	9.213	9.392	5.651	5.764	Continuing	Continuing
S910: <i>SOF Tactical Vehicles</i>	67.164	10.542	9.335	9.025	-	9.025	9.213	9.392	5.651	5.764	Continuing	Continuing

A. Mission Description and Budget Item Justification

This Program Element provides for the development and testing of a variety of capability upgrades to Special Operations Forces (SOF) Vehicles and mission enabling equipment. Current SOF tactical vehicles are categorized into Light, Medium, Heavy, and Commercial, which include the Lightweight Tactical All-Terrain Vehicle (LTATV); Ground Mobility Vehicle (GMV 1.0 / 1.1); Joint Light Tactical Vehicle (JLTV); Mine Resistant Ambush Protected (MRAP) Vehicle; Armored Ground Mobility System (AGMS); Non-Standard Commercial Vehicle (NSCV); and Special Operations-peculiar (SO-p) modifications for commercially available and service common platforms. The SOF mission mandates that SOF vehicles remain technologically superior, operate in multiple environments, and able to meet any threat to provide a maximum degree of survivability and build enduring advantages and campaigning to advance strategy-aligned priorities in accordance with the 2022 National Defense Strategy.

The total cost of the Family of Special Operations Vehicles (FSOV) effort is \$307.929 million (FY 2022 - FY 2026), including RDT&E and procurement of prototype units. The FSOV effort includes Middle Tier of Acquisition for MRAP (Program Number 802), GMV (Program Number 803), NSCV (Program Number 804), LTATV (Program Number Q8M), and JLTV (Program Number P7Z). This effort is fully funded across the FYDP.

B. Program Change Summary (\$ in Millions)

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	10.719	9.335	9.704	-	9.704
Current President's Budget	10.542	9.335	9.025	-	9.025
Total Adjustments	-0.177	0.000	-0.679	-	-0.679
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.214	-			
• SBIR/STTR Transfer	-0.391	-			
• Adjustments to Budget Year	-	-	-0.679	-	-0.679

Change Summary Explanation

Funding:

FY 2023: Decrease of \$0.177 million is due to SBIR/STTR Transfer and a reprogramming of funds to allow a risk reduction, autonomous effort to be funded.

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Appropriation/Budget Activity	R-1 Program Element (Number/Name)
0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	PE 1160480BB / <i>SOF Tactical Vehicles</i>

FY 2024: None.

FY 2025: Decrease of \$0.679M is due to the completion of JLTV SOF Modification Block 1 ECPs.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 United States Special Operations Command										Date: March 2024		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 1160480BB / <i>SOF Tactical Vehicles</i>				Project (Number/Name) S910 / <i>SOF Tactical Vehicles</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
S910: <i>SOF Tactical Vehicles</i>	67.164	10.542	9.335	9.025	-	9.025	9.213	9.392	5.651	5.764	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project provides for the development and testing of a variety of capability upgrades to Special Operations Forces (SOF) Vehicles and mission enabling equipment. Current SOF tactical vehicles are categorized into Light, Medium, Heavy, and Commercial, which include the Lightweight Tactical All-Terrain Vehicle (LTATV); Ground Mobility Vehicle (GMV 1.0 / 1.1); Joint Light Tactical Vehicle (JLTV); Mine Resistant Ambush Protected (MRAP) Vehicle; Armored Ground Mobility System (AGMS); Non-Standard Commercial Vehicle (NSCV); and Special Operations-peculiar (SO-p) modifications for commercially available and service common platforms. The SOF mission mandates that SOF vehicles remain technologically superior, operate in multiple environments, and able to meet any threat to provide a maximum degree of survivability.

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

	FY 2023	FY 2024	FY 2025
Title: Family of Special Operations Vehicles (FSOV)	10.542	9.335	9.025
<p>Description: Funding provides for design/engineering, test, and evaluation costs related to capability upgrades in the following areas: survivability; lethality; signature management; mobility/performance; communications; and product development. These capability upgrades and Engineering Change Proposals (ECPs) are incorporated across the FSOV family of vehicles: Ground Mobility Vehicle (GMV 1.1), Program Number 803; Non-Standard Commercial Vehicle (NSCV), Program Number 804; Lightweight Tactical All-Terrain Vehicle (LTATV), Program Number Q8M; Mine Resistant Ambush Protected (MRAP) Vehicle, Program Number 802; commercially available and other service common platforms such as the Joint Light Tactical Vehicle (JLTV), Program Number P7Z and Infantry Squad Vehicle (ISV).</p>			
<p>FY 2024 Plans: Continue the development and integration of ECPs that improve the performance of LTATV, GMV 1.1, MRAP, JLTV, NSCV, Stryker communications, and other emerging SOF and service common platforms. Continue capability development for JLTV SOF modifications and other SOF Mobility platforms including Hybrid/Electric and autonomous technology, signature reduction, Counter Uncrewed Aerial Systems (C-UxS), Precision Strike System (PSS), Situational Awareness (SA), along with enhanced integrated communications, lethality, and survivability modernization. Continue to transition developed technologies across the FSOV family of vehicles.</p>			
<p>FY 2025 Plans: Continues the development and integration of ECPs that improve the performance of LTATV, GMV 1.1, MRAP, JLTV, NSCV, and other emerging SOF and service common platforms. Continues capability development for SO-p kits for SOF vehicles, JLTV, ISV, other commercial vehicles and other SOF Mobility platforms including Hybrid/Electric and autonomous technology, signature reduction, Remote Weapon System (RWS), C-UxS, Precision Strike, lethality, survivability modernization and enhanced integrated</p>			

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
communications. Continues to transition developed technologies across the FSOV family of vehicles. Completes the development and integration of Stryker communication. Completion of JLTV SOF Modification Block 1 ECPs.			
<i>FY 2024 to FY 2025 Increase/Decrease Statement:</i> Decrease of \$0.310 million is due to completion of JLTV SOF Modification Block 1 ECPs.			
Accomplishments/Planned Programs Subtotals	10.542	9.335	9.025

C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• PROC/0204TACVEH: <i>Tactical Vehicles</i>	60.861	56.561	53.016	-	53.016	58.167	29.516	31.318	22.092	Continuing	Continuing

Remarks

D. Acquisition Strategy

The Family of Special Operations Vehicles (FSOV), in accordance with DoDI, 5000.80, utilizes the Middle Tier of Acquisition (MTA) pathway for rapid fielding of capability upgrades and Engineering Change Proposals (ECPs) for survivability, lethality, signature management, mobility/performance, communications, and product development, incorporated across the FSOV family of vehicles to include: Ground Mobility Vehicle (GMV 1.1); Non-Standard Commercial Vehicle (NSCV); Lightweight Tactical All-Terrain Vehicle (LTATV); Mine Resistant Ambush Protected (MRAP) Vehicle; Armored Ground Mobility System (AGMS) and other service common platforms such as the Joint Light Tactical Vehicle (JLTV) and Infantry Squad Vehicle (ISV). The current acquisition approach for SOF Tactical Vehicles utilizes the MTA rapid fielding pathway to support capability set procurements and fielding. The FSOV program will transition to a tailored Acquisition Category (ACAT) program utilizing the Major Capability Acquisition (MCA) pathway to complete fielding. The FSOV program will apply SO-p modifications to service common or Commercial-Off-The-Shelf (COTS) vehicles whenever possible. Where required, the FSOV program will incorporate purpose-built, non-developmental item, or modified COTS vehicles if/when service solution is unavailable.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 United States Special Operations Command **Date:** March 2024

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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Light Tactical All-Terrain Vehicle (LTATV) Capability Enhancements / Engineering Change Proposal (ECP) Development	Various	Various : Various	4.716	0.500	Nov 2022	1.100	Nov 2023	1.500	Nov 2024	-		1.500	Continuing	Continuing	-
Medium Vehicle (Ground Mobility Vehicle (GMV) 1.1, Infantry Squad Vehicle (ISV)) Capability Enhancements / ECP Development	Various	Various : Various	18.234	0.823	May 2023	0.715	May 2024	0.500	Feb 2025	-		0.500	Continuing	Continuing	-
Non-Standard Commercial Vehicle (NSCV) Capability Enhancements / ECP Development	Various	Various : Various	8.454	0.594	Jul 2023	0.510	Feb 2024	1.750	May 2025	-		1.750	Continuing	Continuing	-
Heavy Vehicle (Mine Resistant Ambush Protected Vehicle (MRAP), SO-p Mod Kit, Armored Ground Mobility System (AGMS) Capability Enhancements / ECP Development	Various	Various : Various	3.986	0.125	Mar 2023	0.600	Mar 2024	-		-		-	Continuing	Continuing	-
Joint Light Tactical Vehicle (JLTV) Capability Enhancements / ECP Development	Various	Various : Various	1.750	2.000	Dec 2022	1.000	Dec 2023	2.000	Oct 2024	-		2.000	Continuing	Continuing	-
Survivability Enhancement/ Improvement Efforts	Various	Various : Various	2.686	0.750	Mar 2023	1.000	Mar 2024	0.525	Mar 2025	-		0.525	Continuing	Continuing	-
Prior Year Funding	Various	Various : Various	0.385	-		-		-		-		-	0.000	0.385	-
Prior Year Funding - (OCO)	C/Various	Various : Various	0.725	-		-		-		-		-	0.000	0.725	-
Prior Year Funding - Congressional Add	Various	Various : Various	4.818	-		-		-		-		-	0.000	4.818	-
Subtotal			45.754	4.792		4.925		6.275		-		6.275	Continuing	Continuing	N/A

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Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Prior Year Funding	Various	Various : Various	4.051	-		-		-		-		-	0.000	4.051	-
Subtotal			4.051	-		-		-		-		-	0.000	4.051	N/A

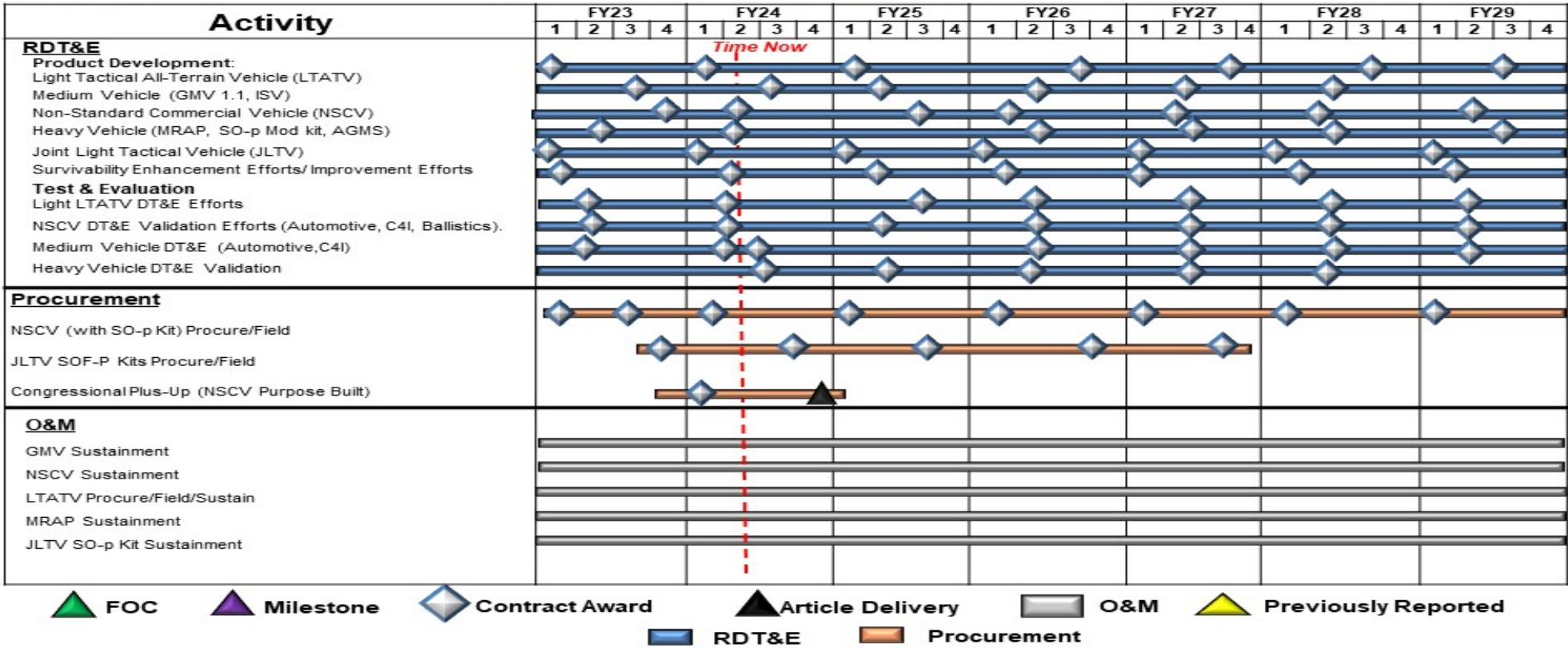
Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Light Tactical All-Terrain Vehicle (LTATV) Developmental Test and Evaluation (DT&E) Efforts	Various	Various : Various	1.181	2.250	Jan 2023	0.503	Jan 2024	0.750	May 2025	-		0.750	Continuing	Continuing	-
NSCV DT&E Validation Efforts (Automotive, Command, Control, Communications, Computers, and Intelligence (C4I), Ballistics) Operator Events	Various	Various : Various	4.155	2.000	Jan 2023	1.500	Jan 2024	1.000	Jan 2025	-		1.000	Continuing	Continuing	-
Medium Vehicle DT&E Validation Efforts (Automotive, C4I) Operator Events	Various	Various : Various	2.334	1.500	Mar 2023	0.407	Mar 2024	0.250	Nov 2024	-		0.250	Continuing	Continuing	-
Heavy Vehicle DT&E Validation	Various	Various : Various	-	-		2.000	Mar 2024	0.750	Mar 2025	-		0.750	Continuing	Continuing	-
Prior Year Funding	Various	Various : Various	9.689	-		-		-		-		-	0.000	9.689	-
Subtotal			17.359	5.750		4.410		2.750		-		2.750	Continuing	Continuing	N/A

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		67.164	10.542	9.335	9.025	-	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 United States Special Operations Command		Date: March 2024
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Family of Special Operations Vehicles (FOSOV) Schedule



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Exhibit R-4A, RDT&E Schedule Details: PB 2025 United States Special Operations Command **Date:** March 2024

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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Family of Special Operations Vehicles (FSOV)				
Light Tactical All-Terrain Vehicle (LTATV) Product Development	1	2023	4	2029
Medium Vehicle (Ground Mobility Vehicle 1.1, Infantry Squad Vehicle) Product Development	1	2023	4	2029
Non-Standard Commercial Vehicle (NSCV) Product Development	1	2023	4	2029
Heavy Vehicle (Mine Resistant Ambush Protected Vehicle, SO-p Mod Kit, Armored Ground Mobility System) Product Development	1	2023	4	2029
Joint Light Tactical Vehicle (JLTV) Product Development	1	2023	4	2029
Survivability Enforcement Efforts/Improvement Effort Combat Vehicles Product Development	1	2023	4	2029
LTATV Development Test & Evaluation (DT&E)	1	2023	4	2029
NSCV DT&E Validation Efforts	1	2023	4	2029
Medium Vehicle DT&E	1	2023	4	2029
Heavy Vehicle DT&E Validation	1	2023	4	2029