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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 United States Special Operations Command **Date:** February 2015

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 1105232BB / RQ-11 UAV
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COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	1.380	-	0.259	0.758	-	0.758	3.332	4.890	3.436	3.492	Continuing	Continuing
S853: RQ-11 UAV	1.380	-	0.259	0.758	-	0.758	3.332	4.890	3.436	3.492	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program element is part of the Military Intelligence Program. Two programs are in this program element: Small Unmanned Aerial System (SUAS) and the Multi-mission Tactical Unmanned Aerial System (MTUAS). SUAS identifies, develops, integrates, and tests Special Operations Forces (SOF) unique mission kits, mission payloads, air vehicle enhancements, and modifications on the SUAS and related ground control stations. MTUAS identifies, develops, integrates, and tests Special Operations Forces (SOF) unique mission kits, mission payloads, air vehicle enhancements, and modifications on the MTUAS and related ground control stations.

USSOCOM has been designated as the DoD lead for planning, synchronizing, and as directed, executing global operations against terrorist networks and targets. USSOCOM requires the capability to find, fix, and finish time-sensitive high-value fixed and fleeting targets at the unit and team level without placing personnel and units in harm's way. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This line item addresses the primary areas of Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) capabilities for SOF.

B. Program Change Summary (\$ in Millions)	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016 Base</u>	<u>FY 2016 OCO</u>	<u>FY 2016 Total</u>
Previous President's Budget	-	0.259	0.263	-	0.263
Current President's Budget	-	0.259	0.758	-	0.758
Total Adjustments	-	-	0.495	-	0.495
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	0.495	-	0.495

Change Summary Explanation

Funding:

FY 2014: None.

FY 2015: None.

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<p>FY 2016: Net increase of \$0.495 million is to support the development and testing of Signals Intelligence payloads for the MTUAS (\$0.497 million) and a Departmental economic assumption decrease (-\$0.002 million).</p> <p>Schedule None.</p> <p>Technical None.</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2016 United States Special Operations Command										Date: February 2015		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 1105232BB / RQ-11 UAV				Project (Number/Name) S853 / RQ-11 UAV			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
S853: RQ-11 UAV	1.380	-	0.259	0.758	-	0.758	3.332	4.890	3.436	3.492	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project is part of the Military Intelligence Program. Two programs are in this project: Small Unmanned Aerial System (SUAS) and the Multi-mission Tactical Unmanned Aerial System (MTUAS). SUAS identifies, develops, integrates, and tests Special Operations Forces (SOF)-unique mission kits, mission payloads, air vehicle enhancements, and modifications on the SUAS and related ground control stations. MTUAS identifies, develops, integrates, and tests Special Operations Forces (SOF) unique mission kits, mission payloads, air vehicle enhancements, and modifications on the MTUAS and related ground control stations. The current material solution for SUAS is the All Environment Capable Variant (AECV) of the Puma UAS. The current material solution for MTUAS is the Scan Eagle UAS.

USSOCOM has been designated as the DOD lead for planning, synchronizing, and as directed, executing global operations against terrorist networks and targets. USSOCOM requires the capability to find, fix, and finish time-sensitive high-value fixed and fleeting targets at the unit and team level without placing personnel and units in harm's way. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This line item addresses the primary areas of Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T) capabilities for SOF.

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

	FY 2014	FY 2015	FY 2016
Title: SUAS	-	0.259	0.261
FY 2015 Plans: Develop, integrate, and test SOF-unique mission kits, mission payloads, and modifications to the SUAS and ground control station, to include but not limited to; improved capabilities for geo-location, collection of push-to-talk, communications, specialized tagging, tracking, and locating, and enhanced communications relay.			
FY 2016 Plans: Continues to develop, integrate, and test SOF-unique mission kits, mission payloads, and modifications to the SUAS and ground control station, to include but not limited to; improved capabilities for geo-location, collection of push-to-talk, communications, specialized tagging, tracking, and locating, and enhanced communications relay and work to miniaturize previously developed payloads.			
Title: MTUAS	-	-	0.497
FY 2016 Plans: This is an FY 2016 new start. Develops, integrates, and tests SOF-unique mission kits, mission payloads, and modifications to the MTUAS and ground control station, to include but not limited to; signals intelligence gathering and geo-location.			
Accomplishments/Planned Programs Subtotals	-	0.259	0.758

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1105232BB / RQ-11 UAV	Project (Number/Name) S853 / RQ-11 UAV	

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

<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u> <u>Base</u>	<u>FY 2016</u> <u>OCO</u>	<u>FY 2016</u> <u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PROC/0809RQ11: RQ-11 Unmanned Aerial Vehicle	0.850	6.397	20.087	-	20.087	17.231	14.305	4.694	4.802	Continuing	Continuing

Remarks

D. Acquisition Strategy

The SUAS and MTUAS are evolutionary acquisition programs that deliver, integrate, and qualify SOF-unique mission kits, mission payloads, weapons, air vehicle enhancements, and ground control station upgrades. Contracting methods depend on the type of development effort. Competitive source selection will be conducted as much as possible. Proprietary considerations may direct some effort to the Original Equipment Manufacturer.

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 United States Special Operations Command												Date: February 2015			
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Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Small Unmanned Aircraft System and Payloads	C/IDIQ	Various : Various	1.380	-		0.259	Mar 2015	0.261	Mar 2016	-		0.261	Continuing	Continuing	-
Multi-Mission Tactical Unmanned Aircraft System	C/TBD	Various : Various	-	-		-		0.497	Mar 2016	-		0.497	Continuing	Continuing	-
Subtotal			1.380	-		0.259		0.758		-		0.758	-	-	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			1.380	-		0.259		0.758		-		0.758	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 United States Special Operations Command	Date: February 2015
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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1105232BB / RQ-11 UAV	Project (Number/Name) S853 / RQ-11 UAV
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	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
SUAS																												
Development / Integration / Test																												
MTUAS																												
Development / Integration / Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 United States Special Operations Command	Date: February 2015
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
SUAS				
Development / Integration / Test	2	2015	4	2020
MTUAS				
Development / Integration / Test	2	2016	4	2020