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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 United States Special Operations Command **Date:** February 2016

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0304210BB / <i>Special Applications for Contingencies</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	229.897	14.818	65.060	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	309.775
9999: <i>Special Applications for Contingencies</i>	229.897	14.818	65.060	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	309.775

A. Mission Description and Budget Item Justification

NOTE: Beginning in FY 2017, this Program Element has been consolidated into SOCOM Program Element 1160434BB, Unmanned ISR.

This program element is part of the Military Intelligence Program (MIP). The SAFC program develops and deploys special capabilities to perform intelligence, surveillance, and reconnaissance for deployed Special Operations Forces (SOF) using non-traditional means. It provides a mechanism for SOF user combat evaluation of emerging sensor technologies. Special Applications for Contingencies (SAFC) applies focused Research & Development (R&D) for relatively low cost solutions to provide remotely controlled system emplacement and data exfiltration from denied areas. This program also specifically addresses short lead-time contingency planning requirements where focused R&D will allow for test and evaluation of leading edge solutions to emergent problem sets.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	15.794	65.060	20.037	-	20.037
Current President's Budget	14.818	65.060	0.000	-	0.000
Total Adjustments	-0.976	0.000	-20.037	-	-20.037
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.976	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	-	-	-20.037	-	-20.037

Change Summary Explanation

Funding:

FY 2015: Decrease of -\$0.976 million is due to reprogramming to higher command priorities.

FY 2016: None.

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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 0304210BB / <i>Special Applications for Contingencies</i>

FY 2017: Decrease of -\$20.037 million is due to beginning in FY 2017, this Program Element has been consolidated into SOCOM Program Element 1160434BB, Unmanned ISR.

Schedule: None.

Technical: None.

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Exhibit R-2A, RDT&E Project Justification: PB 2017 United States Special Operations Command **Date:** February 2016

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0304210BB / <i>Special Applications for Contingencies</i>	Project (Number/Name) 9999 / <i>Special Applications for Contingencies</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
9999: <i>Special Applications for Contingencies</i>	229.897	14.818	65.060	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	309.775
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Military Intelligence Program (MIP) sub-project develops and deploys special capabilities to perform intelligence, surveillance, and reconnaissance (ISR) for deployed Special Operations Forces (SOF) using non-traditional means. It provides a mechanism for SOF user combat evaluation of emerging sensor technologies. Special Applications for Contingencies (SAFC) applies focused Research and Development (R&D) for relatively low cost solutions to provide remotely controlled system emplacement and data exfiltration. This program also specifically addresses short lead-time contingency planning requirements where focused R&D will allow for test and evaluation of leading edge solutions to emergent problem sets.

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

	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: SAFC	14.818	19.460	-	-	-
FY 2015 Accomplishments: Continued development and combat evaluation of selected sensor delivery platforms and mounted or deliverable ISR capabilities for global contingencies including short notice requirements. Integrated Silent Echo payload on Scan Eagle system. Continued to evaluate unique sensor technologies, persistent stare and quick reaction systems.					
FY 2016 Plans: Continue development and combat evaluation of selected sensor delivery platforms and mounted/integrated payloads or deliverable ISR capabilities for global contingencies including short notice requirements. Continue to evaluate unique sensor technologies, persistent stare and quick reaction systems.					
Title: Classified Program	-	45.600	-	-	-
FY 2016 Plans: Additional details can be provided under separate cover.					
Accomplishments/Planned Programs Subtotals	14.818	65.060	-	-	-

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

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PROC/1108STU: <i>Small Tactical Unmanned Aerial Systems</i>	1.500	1.514	-	-	-	-	-	-	-	0.000	3.014
• PROC/0201UMISR: <i>Unmanned ISR</i>	-	-	21.190	11.880	33.070	12.555	6.877	6.980	7.443	Continuing	Continuing

Remarks

D. Acquisition Strategy

SAFC acquisition strategy is evolutionary and spiral-based for technology insertion and low volume procurement. As a non-standard DOD acquisition program, it allows sensor capability for maximum flexibility to respond to quickly emerging, short lead time, contingency based requirements.

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 United States Special Operations Command **Date:** February 2016

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Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
Platform/Payload Integration	MIPR	Various : Various	138.154	8.891	Mar 2015	11.676	Mar 2016	-		-		-	0.000	158.721	-
Classified Program	SS/ Various	Various : Various	-	-		45.600	Feb 2016	-		-		-	0.000	45.600	-
Subtotal			138.154	8.891		57.276		-		-		-	0.000	204.321	-

Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
Program Support	Various	Various : Various	3.654	0.600	Mar 2015	0.611	Mar 2016	-		-		-	0.000	4.865	-
Subtotal			3.654	0.600		0.611		-		-		-	0.000	4.865	-

Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
Sensor Testing, Evaluation and Demonstration	MIPR	Various : Various	88.089	5.327	Mar 2015	7.173	Mar 2016	-		-		-	0.000	100.589	-
Subtotal			88.089	5.327		7.173		-		-		-	0.000	100.589	-

			Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			229.897	14.818	65.060	-	-	-	0.000	309.775	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 United States Special Operations Command **Date:** February 2016

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FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
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

<i>Intelligence, Surveillance, and Reconnaissance (ISR) Capabilities Development</i>	
Platform/Payload Integration	
Sensor Testing, Evaluation and Demonstration	

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 United States Special Operations Command		Date: February 2016
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Intelligence, Surveillance, and Reconnaissance (ISR) Capabilities Development</i>				
Platform/Payload Integration	1	2015	4	2021
Sensor Testing, Evaluation and Demonstration	1	2015	4	2021

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