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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 United States Special Operations Command **Date:** March 2014

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 3: Advanced Technology Development (ATD)	R-1 Program Element (Number/Name) PE 1160422BB / Aviation Engineering Analysis
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	9.018	0.635	-	-	-	-	-	-	-	-	Continuing	Continuing
SF101: Aviation Engineering Analysis	9.018	0.635	-	-	-	-	-	-	-	-	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Note

Beginning in FY2014, this Program Element has been consolidated into SOCOM Program Element 1160402BB, Advanced Technology Development.

A. Mission Description and Budget Item Justification

This program element provides rapid response capability for the investigation, evaluation, and demonstration of technologies for Special Operations Forces (SOF)-unique aviation requirements. Timely application of SOF-unique technology is critical and necessary to meet requirements in such areas as: sensor integration; enhanced situational awareness; near-real-time intelligence to include data fusion, threat detection and avoidance; electronic support measures for threat geo-location and specific emitter identification; navigation; target detection; weapon performance integration; and future SOF aircraft requirements, both manned and unmanned.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	0.861	-	-	-	-
Current President's Budget	0.635	-	-	-	-
Total Adjustments	-0.226	-	-	-	-
• Congressional General Reductions	-0.069	-	-	-	-
• Congressional Directed Reductions	-	-	-	-	-
• Congressional Rescissions	-0.001	-	-	-	-
• Congressional Adds	-	-	-	-	-
• Congressional Directed Transfers	-	-	-	-	-
• Reprogrammings	-0.131	-	-	-	-
• SBIR/STTR Transfer	-0.025	-	-	-	-

Change Summary Explanation

Funding:

FY 2013: Net decrease of \$0.226 million is due to sequestration reductions (-\$0.069 million), rescission reductions (-\$0.001 million), a reprogramming to higher command priorities (-\$0.131 million), and a transfer of funds to Small Business Innovative Research (-\$0.025 million) .

Schedule: None.

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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 3:</i> <i>Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 1160422BB / <i>Aviation Engineering Analysis</i>	
Technical: None.		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 United States Special Operations Command										Date: March 2014		
Appropriation/Budget Activity 0400 / 3					R-1 Program Element (Number/Name) PE 1160422BB / Aviation Engineering Analysis				Project (Number/Name) SF101 / Aviation Engineering Analysis			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
SF101: Aviation Engineering Analysis	9.018	0.635	-	-	-	-	-	-	-	-	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
This project provides a rapid response capability to support SOF fixed wing aircraft and unmanned aircraft systems. The purpose is to correct system deficiencies, improve asset life, and enhance mission capability through the means of feasibility studies, analysis of alternatives, pre-developmental risk reduction studies, and engineering analyses. This project provides the engineering required to improve the design and performance integrity of the aircraft support systems, sub-systems, equipment, and embedded computer software as they relate to the maintenance, overhaul, repair, quality assurance, modifications, materiel improvements, and service life extensions. This project also conducts risk reduction studies, analyses, and demonstrations to support emerging, time critical weapons and sensor enhancements.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
Title: Aviation Engineering Analysis										0.635	-	-
FY 2013 Accomplishments: Performed engineering studies and analyses for fixed wing aviation SOF-unique equipment and missions.												
Accomplishments/Planned Programs Subtotals										0.635	-	-
C. Other Program Funding Summary (\$ in Millions) N/A												
Remarks												
D. Acquisition Strategy N/A												
E. Performance Metrics N/A												