Exhibit R-2, RDT&E Budget Item Justification: PB 2014 United States Special Operations Command	DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 1160422BB: *Aviation Engineering Analysis*

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	8.203	0.815	0.861	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
SF101: *Aviation Engineering Analysis*	8.203	0.815	0.861	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 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 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	0.837	0.861	0.876	-	0.876
Current President's Budget	0.815	0.861	0.000	-	0.000
Total Adjustments	-0.022	0.000	-0.876	-	-0.876
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.022	-			
• Other Adjustments	-	-	-0.876	-	-0.876

Change Summary Explanation

Funding:

FY 2012: Decrease is due to a transfer of funds to Small Business Innovative Research ($-0.022 million).

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 United States Special Operations Command	DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 3: *Advanced Technology Development (ATD)*	**R-1 ITEM NOMENCLATURE** PE 1160422BB: *Aviation Engineering Analysis*

FY 2013: None.

FY 2014: Decrease of $-0.876 due to this Program Element being consolidated into SOCOM Program Element 1160402BB beginning in FY 2014.

Schedule: None.

Technical: None.

Exhibit R-2A, RDT&E Project Justification: PB 2014 United States Special Operations Command			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 3: *Advanced Technology Development (ATD)*	R-1 ITEM NOMENCLATURE PE 1160422BB: *Aviation Engineering Analysis*	PROJECT SF101: *Aviation Engineering Analysis*	

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
SF101: *Aviation Engineering Analysis*	8.203	0.815	0.861	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 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 2012	FY 2013	FY 2014
Title: Aviation Engineering Analysis	0.815	0.861	0.000
FY 2012 Accomplishments: Performed engineering studies and analyses for fixed wing aviation SOF-unique equipment and missions.			
FY 2013 Plans: Perform engineering studies and analyses for fixed wing aviation SOF-unique equipment and missions.			
Accomplishments/Planned Programs Subtotals	0.815	0.861	0.000

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

N/A