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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 United States Special Operations Command	Date: March 2014
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 1160427BB / <i>Mission Training and Preparation Systems (MTPS)</i>
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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	17.303	8.013	-	-	-	-	-	-	-	-	-	25.316
S750: <i>Mission Training and Preparation Systems</i>	17.303	8.013	-	-	-	-	-	-	-	-	-	25.316

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

Note

Beginning in FY 2014, Mission Training and Preparation Systems (MTPS), Program Element 1160427BB has been consolidated into SO Aviation Systems, SOCOM Program Element 1160403BB.

A. Mission Description and Budget Item Justification

This program element funds the definition, design, development, prototyping, integration, and testing of MTPS to support training, avoid obsolescence, and maintain simulator concurrency with weapon systems' configurations; support mission planning and rehearsal systems enhancements required to meet Special Operations Forces (SOF)-unique mission requirements and correct deficiencies identified in previous testing; and support mission planning and rehearsal capabilities in current MTPS. The MTPS program element also includes program management, systems engineering, configuration management, architecture development, risk reduction, and trade study initiatives, as well as initiatives to assure interoperability and commonality between diverse SOF training systems.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>
Previous President's Budget	10.131	-	-	-	-
Current President's Budget	8.013	-	-	-	-
Total Adjustments	-2.118	-	-	-	-
• Congressional General Reductions	-0.740	-			
• Congressional Directed Reductions	-1.324	-			
• Congressional Rescissions	-0.012	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.225	-			
• SBIR/STTR Transfer	-0.267	-			

Change Summary Explanation

Funding:

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0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development	PE 1160427BB / Mission Training and Preparation Systems (MTPS)	
FY 2013: Net decrease of \$2.118 million is due to sequestration reductions (-\$0.740 million), a decrease due to transfer of funds from Terrain Following/Terrain Avoidance Simulator RDT&E to Procurement (-\$1.324 million), congressional rescissions (-\$0.012 million), a reprogramming to support data transfer software efforts (\$0.225 million), and a transfer of funds to Small Business Innovative Research (-\$0.267 million).		
Schedule: None.		
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 / 7					R-1 Program Element (Number/Name) PE 1160427BB / Mission Training and Preparation Systems (MTPS)				Project (Number/Name) S750 / Mission Training and Preparation Systems			
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
S750: Mission Training and Preparation Systems	17.303	8.013	-	-	-	-	-	-	-	-	-	25.316
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
This project funds the definition, design, development, prototyping, integration, and testing of Mission Training and Preparation Systems (MTPS) to support training, avoid obsolescence, and maintain simulator concurrency with weapon system configurations; support mission planning and rehearsal systems enhancements required to meet Special Operations Force (SOF)-unique mission requirements and correct deficiencies identified in previous testing; and support mission planning and rehearsal capabilities in current MTPS. The MTPS project also includes program management, systems engineering, configuration management, architecture development, risk reduction, and trade study initiatives, as well as initiatives to assure interoperability and commonality between diverse SOF training systems.												
Sub-projects include:												
<ul style="list-style-type: none">• Special Operations Mission Planning Environment (SOMPE): Develops, integrates, tests, and validates software enhancements required to meet SOF-unique requirements for, and correct deficiencies to, mission planning, preview, and execution software tools to support all phases of SOF operations from deliberate to time critical. The SOMPE project automates time-sensitive planning activities and provides enhanced situational awareness during mission execution. SOMPE provides the interoperable environment for SOF adaptive planning to integrate global operations including, but not limited to, precision strike software, digital navigation, and unmanned aerial systems command and control. This project also provides the integration of SOMPE with multi-dimensional visualization systems, providing immersive mission rehearsal in minimal timeframes from the SOMPE mission plan. SOMPE is embedded in the USSOCOM Headquarters, Theater Special Operations Commands, Joint Special Operations Task Forces, Joint Special Operations Aviation Components, SOF warfighters, and SOF warfighter platforms• AC/MC-130J Simulator (MC/AC-130J): Conducts analysis, development, integration, assembly, test and checkout of SOF-unique AC-130J and MC-130J simulator development efforts modifications to include, but not limited to, all efforts of technical and functional activities associated with the design, development, and production of mating surfaces, structures, equipment, parts, materials, and software required to assemble equipment (hardware/software) elements into training mission equipment as a whole and not directly part of any other individual element.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Special Operations Mission Planning Environment (SOMPE)									4.058	-	-	
Description: .												
FY 2013 Accomplishments:												

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B. Accomplishments/Planned Programs (\$ in Millions)										FY 2013	FY 2014	FY 2015
Continued required development of software applications to address SOF-unique aviation, ground and maritime mission planning requirements, data transfer software from mission planning systems to SOF helicopters, airplanes, and simulator/rehearsal systems, and automated performance models and performance prediction software. Continue testing of mission planning, data transfer and performance software completing development.												
Title: MC/AC-130J Simulator (MC/AC-130J SIM)										3.955	-	-
FY 2013 Accomplishments: Continued development of SOF unique training capabilities to support training for the new Mission Design Series AC/MC-130J aircraft.												
Accomplishments/Planned Programs Subtotals										8.013	-	-
C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• PROC/: <i>Mission Training and Preparation Systems</i>	38.440	-	-	-	-	-	-	-	-	-	38.440	
Remarks												
D. Acquisition Strategy												
<ul style="list-style-type: none"> • SOMPE: Comprises multiple mission planning software development contracts awarded annually to developers for each project effort. Acquisition strategies depend on the type of development effort. For minor software development projects, contracts may be awarded as sole source acquisitions from existing contract vehicles. For major software development projects, contracts may be awarded as limited or full and open competition acquisitions. Individual acquisition strategies are developed as the scope of software development projects are identified and defined. • AC/MC-130J Simulator: Comprises multiple contracts that may be awarded via competition or sole source to developers for each project effort as required to ensure training device development conforms to AC/MC-130J SOF-unique capabilities. 												
E. Performance Metrics												
N/A												

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 United States Special Operations Command																Date: March 2014			
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	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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>Special Operations Mission Planning Environment (SOMPE)</i>																												
Software Development																												
Development Support																												
Test & Evaluation																												
<i>MC/AC-130J Simulator</i>																												
AC/MC-130J Simulator Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 United States Special Operations Command			Date: March 2014
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Special Operations Mission Planning Environment (SOMPE)</i>				
Software Development	1	2013	1	2014
Development Support	1	2013	1	2014
Test & Evaluation	1	2013	1	2014
<i>MC/AC-130J Simulator</i>				
AC/MC-130J Simulator Development	3	2013	2	2014