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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 United States Special Operations Command **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY

0400: Research, Development, Test & Evaluation, Defense-Wide
BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 1160429BB: AC/MC-130J (formerly SOF Tanker Recapitalization)

COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	4.549	7.624	18.571	-	18.571	19.411	6.323	2.723	0.399	Continuing	Continuing
S875: AC/MC-130J (formerly SOF Tanker Recapitalization)	4.549	7.624	18.571	-	18.571	19.411	6.323	2.723	0.399	Continuing	Continuing

A. Mission Description and Budget Item Justification

NOTE: Beginning in FY 2012, Program Element 1160429BB was renamed AC/MC-130J. Former name was SOF Tanker Recapitalization.

The AC/MC-130J program element funds core SOF-unique modifications to replace aging MC-130E Combat Talon I, MC-130P Combat Shadow, and AC-130H Spectre airframes. These platforms perform clandestine or low visibility, single- or multi-ship low-level missions intruding politically-sensitive or hostile territories; provide air refueling for special operations helicopters and CV-22 aircraft; airdrop of leaflets, small special operations teams, resupply bundles and combat rubber raiding craft; and provide close air support (CAS), air interdiction, armed reconnaissance, escort, and force protection - integrated base defense. Additional capabilities include low-light navigation and in-flight refueling as a receiver. The Air Force will procure and field basic aircraft, common support equipment, and trainers for USSOCOM. An incremental upgrade approach will be used to incorporate SOF capabilities onto the aircraft.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	5.932	7.624	49.866	-	49.866
Current President's Budget	4.549	7.624	18.571	-	18.571
Total Adjustments	-1.383	-	-31.295	-	-31.295
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-1.195	-			
• SBIR/STTR Transfer	-0.188	-			
• Other Adjustment	-	-	-31.295	-	-31.295

Change Summary Explanation

Funding:

FY 2010 Decrease of \$1.383 million is due to a reprogramming to higher command priorities (-\$1.195 million) and a transfer of funds to Small Business Innovative Research (-\$0.188 million).

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APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 1160429BB: <i>AC/MC-130J (formerly SOF Tanker Recapitalization)</i>
FY 2011 None.		
FY 2012 Net decrease of \$31.295 million is due to a transfer of funds to the correct appropriation and/or line items to sustain legacy AC-130 Gunship platforms and command and control systems (-\$23.600 million), develop an MC-130 common Terrain Following/Terrain Avoidance radar system (-\$10.231 million), reduced efforts for simulator integration, assembly, test, and checkout (-\$5.000 million), and an increase to complete increment 3 of SOF modifications to MC-130J (\$7.536 million).		
Schedule: None.		
Technical: None		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 United States Special Operations Command **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT			
0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development				PE 1160429BB: AC/MC-130J (formerly SOF Tanker Recapitalization)				S875: AC/MC-130J (formerly SOF Tanker Recapitalization)			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
S875: AC/MC-130J (formerly SOF Tanker Recapitalization)	4.549	7.624	18.571	-	18.571	19.411	6.323	2.723	0.399	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

NOTE: Beginning in FY 2012, this project was renamed AC/MC-130J. Former name was SOF Tanker Recapitalization.

The AC/MC-130J project funds core SOF-unique modifications to replace aging MC-130E Combat Talon I, MC-130P Combat Shadow, and AC-130H Spectre airframes. These platforms perform clandestine or low visibility, single- or multi-ship low-level missions intruding politically-sensitive or hostile territories; provide air refueling for special operations helicopters and CV-22 aircraft; airdrop leaflets, small special operations teams, resupply bundles and combat rubber raiding craft; and close air support (CAS), air interdiction, armed reconnaissance, escort, and force protection - integrated base defense. Additional capabilities include low-light navigation and in-flight refueling as a receiver. The Air Force will procure and field basic aircraft, common support equipment, and trainers for USSOCOM. USSOCOM will then employ an incremental upgrade approach to incorporate SOF capabilities onto the Air Force-provided aircraft. Sub-projects include:

- SOF-Unique Modification Development & Analysis. Conduct trade-off analysis, development, integration, and testing of aircraft enhancements to meet SOF-unique mission requirements. Enhancements include, but are not limited to, SOF communications, aircraft performance enhancements, situational awareness enhancements, survivability systems, Precision Strike Package aircraft infrastructure development, and other SOF mission kits.

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

	FY 2010	FY 2011	FY 2012
Title: SOF-Unique Modification Development & Analysis	4.549	7.624	18.571
FY 2010 Accomplishments: Continued development of SOF-unique mission improvements to include SOF communications, aircraft performance enhancement, situational awareness enhancements and defensive systems.			
FY 2011 Plans: Continues development of SOF-unique mission improvements. Initiates Precision Strike Package aircraft infrastructure development and other SOF mission kits.			
FY 2012 Plans: Continue development of SOF-unique mission improvements and continue Precision Strike Package aircraft infrastructure development and other SOF mission kits.			
Accomplishments/Planned Programs Subtotals	4.549	7.624	18.571

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APPROPRIATION/BUDGET ACTIVITY			R-1 ITEM NOMENCLATURE					PROJECT			
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>			PE 1160429BB: <i>AC/MC-130J (formerly SOF Tanker Recapitalization)</i>					S875: <i>AC/MC-130J (formerly SOF Tanker Recapitalization)</i>			

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

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PROC1: <i>SOF TANKER RECAPITALIZATION</i>	29.017	19.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	117.665
• PROC2: <i>AC/MC-130J</i>	0.000	0.000	74.891	0.000	74.891	50.226	55.101	64.556	3.370	Continuing	Continuing
• PROC3: <i>PRECISION STRIKE PACKAGE</i>	0.000	0.000	0.000	0.000	0.000	97.194	191.928	228.463	309.826	Continuing	Continuing

D. Acquisition Strategy

The basic AC/MC-130J aircraft will be acquired under the United States Air Force HC/MC-130J Recapitalization procurement program. USSOCOM will fund development, integration, test and production/retrofit of SOF-unique mission equipment under this program and the USSOCOM Precision Strike Package program.

E. Performance Metrics

N/A.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 United States Special Operations Command											DATE: February 2011		
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Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SOF-Unique Mod Dev & Anal	SS/FP	Lockheed Martin Aero:Marietta, GA	17.261	6.032	Mar 2011	13.671	Mar 2012	-		13.671	Continuing	Continuing	
SOF-Unique Mod Dev & Anal	SS/FP	Various:Various	-	1.592	Mar 2011	4.900	Mar 2012	-		4.900	Continuing	Continuing	
Subtotal			17.261	7.624		18.571		-		18.571			
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	Allot	ASC/WIS:Wright Patterson AFB, OH	0.613	-		-		-		-	0.000	0.613	
Subtotal			0.613	-		-		-		-	0.000	0.613	
Project Cost Totals			17.874	7.624		18.571		-		18.571			
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 United States Special Operations Command	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160429BB: <i>AC/MC-130J (formerly SOF Tanker Recapitalization)</i>	PROJECT S875: <i>AC/MC-130J (formerly SOF Tanker Recapitalization)</i>
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	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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>SOF-Unique Mod Development and Analysis</i>																												
Development																												
Integration and Test																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 United States Special Operations Command			DATE: February 2011
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>SOF-Unique Mod Development and Analysis</i>				
Development	1	2010	2	2015
Integration and Test	1	2010	4	2016

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