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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>				PE 0401845F: SLC3S-A (Senior Leader C3S)							
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	19.892	15.826	12.535	-	12.535	1.991	-	-	-	Continuing	Continuing
655273: SLC3S-A <i>Communications Program</i>	19.892	15.826	12.535	-	12.535	1.991	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Senior Leader Command, Control, and Communications System - Airborne (SLC3S-A) provides executive airborne communications supporting world-wide command and control capabilities to US government Senior Leaders (i.e., the President of the United States (POTUS); Vice President of the United States (VPOTUS); Secretary of Defense (SECDEF); Secretary of State (SECSTATE); Chairman, Joint Chiefs of Staff (CJCS); Unified Combatant Commanders (COCOMs); and their staffs as well as other government senior leaders). The SLC3S-A capabilities include secure and non-secure voice, data, and video connectivity into Defense Information System Network/Global Information Grid, Defense Switched Network, Defense Red Switch Network, Voice Over Secure Internet Protocol Networks, National Security Council's Crisis Management System, and commercial networks up to the Top Secret/Sensitive Compartmented Information security classification level. These capabilities are used daily by the Senior Leaders to carry out their duties and responsibilities. Currently, each Air Force Operational Support Aircraft and Very Important Person Special Airlift Mission (OSA/VIPSAM) aircraft is configured with its own unique communications suite. National Senior Leaders require 100% secure voice, data, and video capability for all activities from general planning and strategy discussions to directing command decisions. The security, reliability, and availability of the SLC3S-A services determine America's victories or setbacks on the battlefield. The SLC3S-A Program will standardize the back-end communications architecture, off-board transmission systems, ground support networks, and Roll-on/Roll-off assets. The SLC3S-A Communications Program (SCP) is the first standardization effort and will address the back-end communications suite. Activities also include upgrades to the VIPSAM back end communications architecture to provide common capabilities and functionality, studies and analysis to support both current program planning and execution and future program planning. This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	19.976	15.826	3.627	-	3.627
Current President's Budget	19.892	15.826	12.535	-	12.535
Total Adjustments	-0.084	-	8.908	-	8.908
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-0.084	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	8.908	-	8.908

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<u>Change Summary Explanation</u> FY12 RDT&E funding increased to meet funding required for SLC3S-A development contracts.		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0401845F: SLC3S-A (Senior Leader C3S)				PROJECT 655273: SLC3S-A Communications Program			
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
655273: SLC3S-A Communications Program	19.892	15.826	12.535	-	12.535	1.991	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Senior Leader Command, Control, and Communications System - Airborne (SLC3S-A) provides executive airborne communications supporting world-wide command and control capabilities to US government Senior Leaders (i.e., the President of the United States (POTUS); Vice President of the United States (VPOTUS); Secretary of Defense (SECDEF); Secretary of State (SECSTATE); Chairman, Joint Chiefs of Staff (CJCS); Unified Combatant Commanders (COCOMs); and their staffs as well as other government senior leaders). The SLC3S-A capabilities include secure and non-secure voice, data, and video connectivity into Defense Information System Network/Global Information Grid, Defense Switched Network, Defense Red Switch Network, Voice Over Secure Internet Protocol Networks, National Security Council's Crisis Management System, and commercial networks up to the Top Secret/Sensitive Compartmented Information security classification level. These capabilities are used daily by the Senior Leaders to carry out their duties and responsibilities. Currently, each Air Force Operational Support Aircraft and Very Important Person Special Airlift Mission (OSA/VIPSAM) aircraft is configured with its own unique communications suite. National Senior Leaders require 100% secure voice, data, and video capability for all activities from general planning and strategy discussions to directing command decisions. The security, reliability, and availability of the SLC3S-A services determine America's victories or setbacks on the battlefield. The SLC3S-A Program will standardize the back-end communications architecture, off-board transmission systems, ground support networks, and Roll-on/Roll-off assets. The SLC3S-A Communications Program (SCP) is the first standardization effort and will address the back-end communications suite. Activities also include upgrades to the VIPSAM back end communications architecture to provide common capabilities and functionality, studies and analysis to support both current program planning and execution and future program planning. This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

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

	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: SLC3S-A Communications Program (SCP)	19.892	15.826	12.535	-	12.535
Description: Develop a standardized command, control, communications (C3) system to provide voice, data, and video communications for airborne platforms for Senior Leaders.					
FY 2010 Accomplishments: Awarded SCP contract. Began the development, testing, certification, data item development, and training of the SCP for Aircraft Variant 1 (C-37) and Aircraft Variant 2 (C-20, C-32, C-40).					
FY 2011 Plans:					

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Continue the development, testing, certification, data item development, and training of the SCP for Aircraft Variant 1 (C-37) and Aircraft Variant 2 (C-20,C-32, C-40). FY 2012 Base Plans: Will continue the development, testing, certification, data item development, and training of the SCP for Aircraft Variant 1 (C-37) and Aircraft Variant 2 (C-20,C-32, C-40). FY 2012 OCO Plans:					
Accomplishments/Planned Programs Subtotals	19.892	15.826	12.535	-	12.535

C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• PE 0401845F: <i>SLC3S-A (SCP), APAF (C-20, C-32, C-37, C-40)</i>	0.286	32.812	31.981	0.000	31.981	14.000	17.841	18.194	9.743	Continuing	Continuing

D. Acquisition Strategy
Competitive award of an Indefinite Delivery/Indefinite Quantity (ID/IQ) contract vehicle to a single source. Emphasize off-the-shelf technology and maximize use of non-developmental items (NDIs).

E. Performance Metrics
Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force											DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0401845F: SLC3S-A (Senior Leader C3S)				PROJECT 655273: SLC3S-A Communications Program						
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	
System Engineering, Software Development, Data Items, Training, Test, and Certification.	C/FFP	Rockwell Collins, Inc.:Richardson, TX	22.495	10.351	Dec 2010	7.567	Jan 2012	-		7.567	0.000	40.413	TBD	
Development of Program Specifications and Acquisition Documentation and Risk Reduction Efforts	Various	Various:Various,	5.158	2.735	Dec 2010	2.100	Jan 2012	-		2.100	2.000	11.993	TBD	
Subtotal			27.653	13.086		9.667		-		9.667	2.000	52.406		
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	
Subtotal			-	-		-		-		-	0.000	0.000	0.000	
Test and Evaluation (\$ 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	
Government Test and Eval	Various	Various:Various,	0.846	0.778	Jan 2011	0.220	Jan 2012	-		0.220	Continuing	Continuing	TBD	
Subtotal			0.846	0.778		0.220		-		0.220				
Management Services (\$ 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	
SCP Program Management	Various	Various:Various,	5.299	1.962	Jan 2011	2.648	Oct 2011	-		2.648	Continuing	Continuing	TBD	
Subtotal			5.299	1.962		2.648		-		2.648				

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				Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals				33.798	15.826		12.535		-		12.535			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force			DATE: February 2011
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MS-B	3	2010	3	2010
SCP Kit Development/Test/Cert,Aircraft Variant 1 (C-37)	3	2010	2	2013
SCP Kit Development/Test/Cert, Aircraft Variant 2 (C-20,C-32,C-40)	1	2011	4	2013
Pre-production activities	1	2010	2	2012
MS-C	4	2012	4	2012

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