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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 United States Special Operations Command **DATE:** February 2012

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 1160404BB: <i>Special Operations Tactical Systems Development</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	1.534	0.799	0.821	-	0.821	0.834	0.848	0.863	0.877	Continuing	Continuing
S710: <i>SO Tactical Systems (Automation)</i>	1.534	0.799	0.821	-	0.821	0.834	0.848	0.863	0.877	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program element provides for development, testing, and integration of specialized automation equipment to meet the unique requirements of Special Operations Forces (SOF). Specialized automation equipment will permit small, highly trained forces to conduct required operations across the entire spectrum of conflict. These operations are generally conducted in harsh environments, for unspecified periods and in locations requiring small unit autonomy. SOF must infiltrate by land, sea, and air to conduct unconventional warfare, direct action, or deep reconnaissance operations in denied areas against insurgent units, terrorists, or highly sophisticated threat forces. The requirement to operate in denied areas controlled by a sophisticated threat mandates that SOF systems remain technologically superior to threat forces to ensure mission success.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	1.582	0.799	0.811	-	0.811
Current President's Budget	1.534	0.799	0.821	-	0.821
Total Adjustments	-0.048	-	0.010	-	0.010
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.040	-			
• Other Adjustment	-0.008	-	0.010	-	0.010

Change Summary Explanation

Funding:

FY 2011: Decrease of \$0.048 million due to economic assumption reductions (-\$0.008 million), and a transfer of funds to Small Business Innovative Research (-\$0.040 million).

FY2012: None.

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0400: Research, Development, Test & Evaluation, Defense-Wide	PE 1160404BB: Special Operations Tactical Systems Development	
BA 7: Operational Systems Development		
FY 2013: Increase of \$0.010 million due to economic assumption increase.		
Schedule: None.		
Technical: None.		

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Exhibit R-2A, RDT&E Project Justification: PB 2013 United States Special Operations Command									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 1160404BB: Special Operations Tactical Systems Development				PROJECT S710: SO Tactical Systems (Automation)			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
S710: SO Tactical Systems (Automation)	1.534	0.799	0.821	-	0.821	0.834	0.848	0.863	0.877	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

This project provides for development, testing, and integration of specialized automation equipment to meet the unique requirements of Special Operations Forces (SOF). Specialized automation equipment will permit small, highly trained forces to conduct required operations across the entire spectrum of conflict. These operations are generally conducted in harsh environments, for unspecified periods and in locations requiring small unit autonomy. SOF must infiltrate by land, sea, and air to conduct unconventional warfare, direct action, or deep reconnaissance operations in denied areas against insurgent units, terrorists, or highly sophisticated threat forces. The requirement to operate in denied areas controlled by a sophisticated threat mandates that SOF systems remain technologically superior to threat forces to ensure mission success.

- The Tactical Local Area Network (TACLAN) provides SOF operational commanders and forward deployed forces advanced automated data processing and display capabilities to support situational awareness, mission planning and execution, and command and control of forces. The program consists of suites, mission planning kits and field computing devices.

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

	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: TACLAN Suites	1.534	0.799	0.821	-	0.821
FY 2011 Accomplishments: Conducted research and development on several emerging technologies available to the SOF Force. Capabilities include: Single Sign On, Full Motion Video, Radio Over Internet Protocol (ROIP) using Wide Area Voice Environment (WAVE), Solarwinds Network Management, Secure Wireless, and Lightweight UPS capability.					
FY 2012 Plans: Continues development and integration of evolutionary technology insertions (ETI) such as data at rest, thin client capabilities, smart phone connectivity, Full Motion Video (FMV), and cross domain solutions.					
FY 2013 Base Plans:					

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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 1160404BB: <i>Special Operations Tactical Systems Development</i>		PROJECT S710: <i>SO Tactical Systems (Automation)</i>							
B. Accomplishments/Planned Programs (\$ in Millions)				FY 2011	FY 2012						
Continue development and integration of evolutionary technology insertions (ETI) such as data at rest, thin client capabilities, wireless/personal digital assistant (PDA)/smartphone technologies, Full Motion Video (FMV) and cross domain solutions.											
Accomplishments/Planned Programs Subtotals				1.534	0.799						
				0.821	-						
				0.821							
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• PROC1: <i>Automation Systems</i>	55.645	64.619	66.573	1.000	67.573	52.460	51.769	46.758	51.912	Continuing	Continuing
D. Acquisition Strategy N/A											
E. Performance Metrics N/A											