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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				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 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	4.323	1.582	0.799	-	0.799	0.811	0.824	0.837	0.851	Continuing	Continuing
S710: <i>SO Tactical Systems (Automation)</i>	4.323	1.582	0.799	-	0.799	0.811	0.824	0.837	0.851	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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	6.845	1.582	1.608	-	1.608
Current President's Budget	4.323	1.582	0.799	-	0.799
Total Adjustments	-2.522	-	-0.809	-	-0.809
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-2.472	-			
• SBIR/STTR Transfer	-0.050	-			
• Other Adjustment	-	-	-0.809	-	-0.809

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: S710: *SO Tactical Systems (Automation)*

Congressional Add: *Covert Waveform for Software Defined Radios*

Congressional Add Subtotals for Project: S710

Congressional Add Totals for all Projects

FY 2010	FY 2011
2.788	-
2.788	-
2.788	-

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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	
<p><u>Change Summary Explanation</u></p> <p>Funding:</p> <p>FY 2010 Decrease of \$2.522 million is due to the reprogramming of the SOC-R Armor Development for Small Arms Armor Piercing Ammo Congressional Add (-\$2.470 million) moved into PE 1160481BB SOF Munitions, reprogramming to higher command priorities (-\$0.002 million), and a transfer of funds to Small Business Innovative Research (- \$0.050 million).</p> <p>FY 2011 None</p> <p>FY 2012 Decrease of \$0.809 million is due to a realignment to higher command priorities.</p> <p>Schedule: None.</p> <p>Technical: None.</p>		

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Exhibit R-2A, RDT&E Project 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 1160404BB: Special Operations Tactical Systems Development				PROJECT S710: SO Tactical Systems (Automation)			
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
S710: SO Tactical Systems (Automation)	4.323	1.582	0.799	-	0.799	0.811	0.824	0.837	0.851	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.											
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2010	FY 2011	FY 2012
Title: TACLAN Suites									1.535	1.582	0.799
FY 2010 Accomplishments: Continued development and integration of Blue Force Tracking secure wireless biometrics, Embedded National Tactical Receiver and Distributed Common Ground System data sharing capabilities.											
FY 2011 Plans: Continues development and integration of Blue Force Tracking secure wireless biometrics, Embedded National Tactical Receiver and Distributed Common Ground System data sharing capabilities.											
FY 2012 Plans: Continue development and integration of evolutionary technology insertions (ETI) such as data at rest, thin client capabilities, smartphone connectivity, Full Motion Video (FMV) and cross domain solutions.											
Accomplishments/Planned Programs Subtotals									1.535	1.582	0.799
							FY 2010	FY 2011			
Congressional Add: Covert Waveform for Software Defined Radios							2.788	-			
FY 2010 Accomplishments: Continued development of Low Probability of Intercept/Low Probability of Detection (LPI/LPD).											
Congressional Adds Subtotals							2.788	-			

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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>

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

N/A

D. Acquisition Strategy

N/A

E. Performance Metrics

N/A

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