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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Air Force	<b>DATE:</b> February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				PE 0207418F: <i>TAC AIRBORNE CONTROL SYSTEM</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	-	8.309	5.767	-	5.767	4.445	4.084	4.377	3.863	Continuing	Continuing
675234: <i>TACP Support</i>	-	8.309	5.767	-	5.767	4.445	4.084	4.377	3.863	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

The Joint Terminal Control Training and Rehearsal System (JTC TRS) project, under the Tactical Airborne Control System, funds development necessary to provide a Distributed Mission Operations (DMO) capable, high-fidelity simulator for the Joint Terminal Attack Controller (JTAC), Combat Control Team (CCT) and Air Support Operations Center (ASOC). JTC TRS provides development to network aircrew full mission trainers and mission training centers, as well as develops and integrates the ASOCs and Joint Theater Air to Ground Simulation System (JTAGSS) trainer for Joint Fires. JTAGSS is a continuation of the ASOC simulation trainer initially funded in 2009 and complements the JTC TRS trainer by providing a total air-ground constructive simulation environment for integrated networked training and mission rehearsal capability that will develop JTAC/CCT and ASOC/SOF C2 battlestaff skills. The JTC TRS Project provides research and development to facilitate interoperability with joint and sister Service air-ground simulation using industry standards. JTAGSS will provide the ASOC, SOF, and TACP with the vertical and horizontal C2 communications and coordination training and mission rehearsal required for mission effectiveness. The system will include a secure network connection, a constructive simulation environment generator with sharable databases, computer work stations that have synthetic reflex agent applications for every ASOC/SOF crew position, and an instructor/operator station.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>
Previous President's Budget	-	8.309	5.786	-	5.786
Current President's Budget	-	8.309	5.767	-	5.767
Total Adjustments	-	-	-0.019	-	-0.019
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	-0.019	-	-0.019

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Change Summary Explanation FY13 funding decrease is due to higher Department of Defense priorities.							
C. Accomplishments/Planned Programs (\$ in Millions)			FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: JTAC/CCT Trainer Development Description: Continue development of high-fidelity simulation system for JTAC/CCT Training FY 2012 Plans: Continue development of high-fidelity simulation system for JTAC/CCT training. FY 2013 Base Plans: Continue development of high-fidelity simulation for JTAC/CCT training FY 2013 OCO Plans: NA NA			-	0.676	4.006	-	4.006
Title: JTAC/CCT Test and Evaluation Description: Test and Evaluation of JTAC Trainer FY 2012 Plans: Test and Evaluation of JTAC Trainer FY 2013 Base Plans: Test and Evaluaton of JTAC Trainer FY 2013 OCO Plans: NA NA			-	0.200	0.500	-	0.500
Title: JTAGSS Trainer Development Description: Develops high fidelity simulation system for ASOC/SOF Command and Control System that supports JTAC training. FY 2012 Plans:			-	6.683	1.061	-	1.061

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C. Accomplishments/Planned Programs (\$ in Millions)							FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Begin development of JTAGSS simulator configuration. <b>FY 2013 Base Plans:</b> Continue development of JTAGSS simulator configuration. <b>FY 2013 OCO Plans:</b> NA  NA											
<b>Title:</b> Program Office Support <b>Description:</b> Program Office Support  <b>FY 2012 Plans:</b> Continue Program Office Support  N/A <b>FY 2013 Base Plans:</b> Continue Program Office Support  N/A <b>FY 2013 OCO Plans:</b> NA  NA							-	0.750	0.200	-	0.200
Accomplishments/Planned Programs Subtotals							-	8.309	5.767	-	5.767
D. 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
• PE 0207418F, TAC Airborne Contro...: Production	1.462	0.000	5.772	0.000	5.772	3.575	3.234	2.479	2.585	Continuing	Continuing

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0207418F: <i>TAC AIRBORNE CONTROL SYSTEM</i>
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**D. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u> <u>Base</u>	<u>FY 2013</u> <u>OCO</u>	<u>FY 2013</u> <u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PE 0207418F, TAC Airborne Co (1)....: <i>Production</i>	0.000	0.000	0.000	0.000	0.000	3.613	4.873	4.629	0.000	Continuing	Continuing
• PE 0207418F, TAC Airborne Co (2)....: <i>Production</i>	0.000	0.000	2.320	0.000	2.320	1.118	1.148	1.173	1.188	Continuing	Continuing

**E. Acquisition Strategy**

The acquisition strategy for production of the fixed configuration of the JTC TRS will be based on full and open competition with an evolutionary acquisition approach using incremental development. The portable version of the JTAC trainer is planned to be an option on the production contract for JTC TRS. The acquisition strategy for the JTAGSS trainer will be to field advance technology demonstration units to continue to perform proof of concept and technology validation of mission simulations for all ASOC crew positions including detailed communications planning, asset deconfliction, integration of joint fires, and other critical mission areas required for integrated TACP/ASOC C2 mission success. At the completion of the technology validation, a production contract will be competitively awarded to complete JTAGSS deployment and integration.

**F. 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-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207418F: <i>TAC AIRBORNE CONTROL SYSTEM</i>	PROJECT 675234: <i>TACP Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207418F: <i>TAC AIRBORNE CONTROL SYSTEM</i>	PROJECT 675234: <i>TACP Support</i>

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 Air Force			<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0207418F: <i>TAC AIRBORNE CONTROL SYSTEM</i>	<b>PROJECT</b> 675234: <i>TACP Support</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
JTC TRS RFP Release	3	2012	2	2013
JTC TRS Contract Award	2	2013	2	2013
JTC TRS Development	2	2013	2	2016
JTC TRS Test and Evaluation	4	2013	1	2014
JTC TRS Production	1	2014	1	2017
JTAGSS Increment Contract Award	3	2012	3	2012
JTAGSS Development	3	2012	2	2013
JTAGSS Technology Demonstrations Units Deployed	2	2013	4	2013
JTAGSS Production	4	2013	4	2016