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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				PE 0207697F: <i>Wargaming Operations (Distributed Training)</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	2.759	3.247	4.425	-	4.425	4.038	4.096	4.210	4.265	Continuing	Continuing
675042: <i>Log Application Logisitics Integration (LALI)</i>	-	0.523	-	-	-	-	-	-	-	Continuing	Continuing
675190: <i>JFCOM Wargaming</i>	2.759	2.724	4.425	-	4.425	4.038	4.096	4.210	4.265	Continuing	Continuing

A. Mission Description and Budget Item Justification

In September 03, the AF/CV directed the establishment of funding to increase participation in joint transformation activities including joint concept development and experimentation and joint Doctrine, Organization, Training, Material, Leadership & Education, Personnel & Facilities (DOTMLPF) recommendations. Air Force A5XS ensures accurate representation of air, space and cyber space capabilities in joint activities, through modeling and simulation and wargaming activities. The primary activity this is accomplished with is the Chief of Staff of the United States Air Force's Unified Engagement (UE) wargame series. UE is a two cycle of plan, execute, analyze and report of activities that include workshops, seminars, capstone event, senior leader seminar, and Building Partnership Capacity events. The capstone event includes over 400 Joint, other Agency, and coalition partners supported by cutting edge technology. The Wargaming Environment (WIE) evolves with each UE game cycle and is made up of three main parts GamePoint, ViewPoint, and Modeling and Simulation Tools. GamePoint provides the latest collaboration and information throughout and during the wargame and associated events. ViewPoint provides users a simple method to visually view the information and conduct their own analysis. Modeling and Simulation provides integration of the latest modeling, simulation and analysis tools and also the infrastructure to support the WIE. This program is categorized in Budget Activity (BA) 07 because it supports the development efforts of operational systems.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	2.863	5.264	4.417	-	4.417
Current President's Budget	2.759	3.247	4.425	-	4.425
Total Adjustments	-0.104	-2.017	0.008	-	0.008
• Congressional General Reductions	-	-0.017			
• Congressional Directed Reductions	-	-2.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.083	-			
• Other Adjustments	-0.021	-	0.008	-	0.008

Change Summary Explanation

FY11 adjustment (-0.021 CGR).

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APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0207697F: <i>Wargaming Operations</i> (<i>Distributed Training</i>)				PROJECT 675042: <i>Log Application Logisitics Integration</i> (<i>LALI</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
675042: <i>Log Application Logisitics Integration (LALI)</i>	-	0.523	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification
 Description/Justification for Logistics Application/Logistics Integration (LALI) located in BPAC 675042 PE 0708611F.

 FY12 \$523K for LALI incorrectly aligned to PE 0207697F and will be realigned during execution.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012	FY 2013
Title: Log Application Logisitics Integration (LALI)	-	0.523	-
Description: Logistics Application Logistics Integration (LALI) funding provides development in support of the Air Force logistics transformation initiative for the 21st century, eLog21.			
FY 2012 Plans: Support AF Logistics business process transformation (eLog21) initiatives through Business Intelligence (BI) capabilities (reports, predictive analyses, what-if analyses, etc).			
Accomplishments/Planned Programs Subtotals	-	0.523	-

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

<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF 0708611F: <i>N/A</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy
 LALI projects will be competitively acquired using a variety of fixed price and cost plus contracts.

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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APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207697F: Wargaming Operations (Distributed Training)				PROJECT 675190: JFCOM Wargaming			
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
675190: JFCOM Wargaming	2.759	2.724	4.425	-	4.425	4.038	4.096	4.210	4.265	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
<p>In September 03, the AF/CV directed the establishment of funding to increase participation in joint transformation activities including joint concept development and experimentation and joint Doctrine, Organization, Training, Material, Leadership & Education, Personnel & Facilities (DOTMLPF) recommendations. Air Force A5XS ensures accurate representation of air, space and cyber space capabilities in joint activities, through modeling and simulation and wargaming activities. The primary activity this is accomplished with is the Chief of Staff of the United States Air Force's Unified Engagement (UE) wargame series. UE is a two cycle of plan, execute, analyze and report of activities that include workshops, seminars, capstone event, senior leader seminar, and Building Partnership Capacity events. The capstone event includes over 400 Joint, other Agency, and coalition partners supported by cutting edge technology. The Wargaming Environment (WIE) evolves with each UE game cycle and is made up of three main parts GamePoint, ViewPoint, and Modeling and Simulation Tools. GamePoint provides the latest collaboration and information throughout and during the wargame and associated events. ViewPoint provides users a simple method to visually view the information and conduct their own analysis. Modeling and Simulation provides integration of the latest modeling, simulation and analysis tools and also the infrastructure to support the WIE.</p> <p>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.</p>											
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2011	FY 2012	FY 2013	
Title: MAJOR THRUST 1								0.950	0.918	2.301	
Description: Develop air, space and cyber space wargaming specific functionality in existing modeling and simulation and analysis tools and integrate into the latest version of the WIE.											
FY 2011 Accomplishments: Develop air, space and cyber space wargaming specific functionality in existing modeling and simulation and analysis tools and integrate into the latest version of the WIE v12.											
FY 2012 Plans: Develops air and space wargaming specific functionality in existing simulation and analysis tools (e.g., JWARS, THUNDER/STORM)											
FY 2013 Plans:											

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APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0207697F: Wargaming Operations (Distributed Training)	PROJECT 675190: JFCOM Wargaming		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012	FY 2013
Develops air and space wargaming specific functionality in existing simulation and analysis tools (e.g., JWARS, THUNDER/STORM)				
Title: MAJOR THRUST 2 Description: Provides for capabilities, Requirements, and Risk Assessment (CRRRA) FY 2011 Accomplishments: Provides for capabilities, Requirements, and Risk Assessment (CRRRA) FY 2012 Plans: Provides for Capabilities, Requirements, and Risk Assessment (CRRRA) FY 2013 Plans: Provides for Capabilities, Requirements, and Risk Assessment (CRRRA)		0.950	0.684	1.000
Title: MAJOR THRUST 3 Description: Enables entity-level simulation tools and effects-based modeling for Joint Concept Development and Experimentation FY 2011 Accomplishments: Enables entity-level simulation tools and effects-based modeling for Joint Concept Development and Experimentation FY 2012 Plans: Enables entity-level simulation tools and effects-based modeling for Joint Concept Development and Experimentation FY 2013 Plans: Enables entity-level simulation tools and effects-based modeling for Joint Concept Development and Experimentation		0.458	0.622	0.700
Title: MAJOR THRUST 4 Description: Supplies platforms for software in operational environments and for programmed replacement costs FY 2011 Accomplishments: Supplies platforms for software in operational environments and for programmed replacement costs FY 2012 Plans: Enables entity-level simulation tools and effects-based modeling for Joint Concept Development and Experimentation FY 2013 Plans:		0.401	0.500	0.424

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2011	FY 2012	FY 2013
Enables entity-level simulation tools and effects-based modeling for Joint Concept Development and Experimentation			
Accomplishments/Planned Programs Subtotals	2.759	2.724	4.425

C. 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>
• N/A: N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

All contracts will be awarded based on full and open competition.

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-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207697F: <i>Wargaming Operations</i> (<i>Distributed Training</i>)	PROJECT 675190: <i>JFCOM Wargaming</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207697F: <i>Wargaming Operations</i> (<i>Distributed Training</i>)	PROJECT 675190: <i>JFCOM Wargaming</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Tool Development	1	2011	4	2017
Develop and Integrate M&S Tools	1	2011	4	2017
Enhance ViewPoint	1	2011	4	2017
Improve GamePoint	1	2011	4	2017