

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force	DATE: February 2010
--	----------------------------

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				PE 0804757F: <i>JOINT NATIONAL TRAINING CENTER</i>							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	3.115	3.220	9.000	0.000	9.000	0.000	0.000	0.000	0.000	Continuing	Continuing
675124: <i>Training Transformation</i>	3.115	3.220	9.000	0.000	9.000	0.000	0.000	0.000	0.000	Continuing	Continuing

A. Mission Description and Budget Item Justification

Supports the SECDEF's Transformation in Training/Joint National Training Capability (JNTC). Develops capabilities that integrate live, virtual, and constructive elements into a seamless joint training environment. Using a scientific and phased approach, researches new technologies and methods that provide a crucial technology-based foundation supporting all JNTC operations.

This program is in Budget Activity 7- Operational Systems Development because it supports rapid transformation of Department of Defense training into a Joint National Training Capability.

Due to an inadvertent error the Air Force requests a technical adjustment changing R-1 Line NO. 237 "Joint National Training Center" to \$0.0M. The following exhibits reflect the requested transfer amounts.

B. Program Change Summary (\$ in Millions)

	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	3.214	3.220	0.000	0.000	0.000
Current President's Budget	3.115	3.220	9.000	0.000	9.000
Total Adjustments	-0.099	0.000	9.000	0.000	9.000
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	-0.099	0.000	9.000	0.000	9.000

UNCLASSIFIED

R-1 Line Item #237

Page 1 of 9

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0804757F: JOINT NATIONAL TRAINING CENTER	
<p><u>Change Summary Explanation</u></p> <p>FY09:</p> <p>- Decreased by Air Force for higher priorities</p> <p>FY11:</p> <p>- Funds Transferred to OSD OPS-D4574 CE2T2 Program Tech Sup</p>		

UNCLASSIFIED

R-1 Line Item #237

Page 2 of 9

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0804757F: JOINT NATIONAL TRAINING CENTER				PROJECT 675124: Training Transformation			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
675124: Training Transformation	3.115	3.220	9.000	0.000	9.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
Supports the SECDEF's Transformation in Training/Joint National Training Capability (JNTC). Develops capabilities that integrate live, virtual, and constructive elements into a seamless joint training environment. Using a scientific and phased approach, researches new technologies and methods that provide a crucial technology-based foundation supporting all JNTC operations. This program is in budget activity 7- Operational Systems Development because it supports rapid transformation of Department of Defense training into a Joint National Training Capability.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Continue Air Force Modeling and Simulations Tool Kit (AFMSTT) Air Warfare Simulation (AWSIM) Upgrades FY 2009 Accomplishments: In FY2009: Enhancements to rapid database generation FY 2010 Plans: In FY 2010: Integration of Battlefield Air Operations Kit and the Indirect Fire Forward Air Controller Trainer (I-FACT) into AFMSTT FY 2011 Base Plans: In FY 2011: NA FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.							0.944	1.565	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #237

Page 3 of 9

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development		R-1 ITEM NOMENCLATURE PE 0804757F: JOINT NATIONAL TRAINING CENTER		PROJECT 675124: Training Transformation		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Continue basic operations support, systems acquisition, engineering and development studies/efforts FY 2009 Accomplishments: In FY 2009: Combat Convoy Mission Rehearsal Tool FY 2010 Plans: In FY 2010: Virtual Predator integration on the Nevada Test and Training Range FY 2011 Base Plans: In FY 2011: NA FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.		0.974	0.557	0.000	0.000	0.000
MAJOR THRUST: Begin/Continue Multi-level security (Radiant Mercury) for Distributed Mission Operations Center (DMOC) FY 2009 Accomplishments: In FY 2009: Joint Training and Experimentation Network (JTEN) - Distributed Mission Operations Network (DMON) interoperability FY 2010 Plans: In FY 2010: N/A FY 2011 Base Plans: In FY 2011: NA FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.		0.197	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #237

Page 4 of 9

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0804757F: JOINT NATIONAL TRAINING CENTER				PROJECT 675124: Training Transformation			
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
MAJOR THRUST: Begin/Continue Concept of Operations for Space DMOC into JNTC Live -Virtual-Constructive events FY 2009 Accomplishments: In FY 2009: Integration of space effects models into the joint training environment/development of validated and authoritative space modeling and simulation data FY 2010 Plans: In FY 2010: Integration of space effects models into the joint training environment/development of validated and authoritative space modeling and simulation data FY 2011 Base Plans: In FY 2011: NA FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.						1.000	1.098	0.000	0.000	0.000	
Accomplishments/Planned Programs Subtotals						3.115	3.220	0.000	0.000	0.000	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• PE 0804757: Joint National Training Center, APAF	2.442	2.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	42.588
	18.711	4.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	90.421

UNCLASSIFIED

R-1 Line Item #237

Page 5 of 9

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Air Force										DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0804757F: <i>JOINT NATIONAL TRAINING CENTER</i>				PROJECT 675124: <i>Training Transformation</i>			
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u> <u>Base</u>	<u>FY 2011</u> <u>OCO</u>	<u>FY 2011</u> <u>Total</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
<ul style="list-style-type: none"> • PE 0804757 (1): <i>Joint National Training Center, OPAF</i> 											
D. Acquisition Strategy											
The acquisition strategy is competitive, with cost plus fixed fee and firm fixed price 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.											

UNCLASSIFIED

R-1 Line Item #237

Page 6 of 9

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Air Force											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0804757F: <i>JOINT NATIONAL TRAINING CENTER</i>				PROJECT 675124: <i>Training Transformation</i>					
Product Development (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 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
AFMSTT	C/Various	L3 Mesa , AZ North...	4.113	1.565	Jan 2010	0.000		0.000		0.000	0.000	5.678	0.000
DMOC-S	C/Various	SPARTA Schriever AFB, CO	4.070	1.098	Mar 2010	0.000		0.000		0.000	0.000	5.168	0.000
Ops Support, System Acq, Engineering & Development Studies	C/Various	Various Various	3.642	0.557		0.000		0.000		0.000	0.000	4.199	0.000
DMOC (DTNG)	C/Various	Lockheed Martin Corp Kirtland AFB, NM	1.030	0.000		0.000		0.000		0.000	0.000	1.030	0.000
Subtotal			12.855	3.220		0.000		0.000		0.000	0.000	16.075	0.000
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			12.855	3.220		0.000		0.000		0.000	0.000	16.075	0.000
Remarks Total Prior Years Cost may include only FY 2009 data.													

UNCLASSIFIED

R-1 Line Item #237

Page 7 of 9

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Air Force

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

3600: *Research, Development, Test & Evaluation, Air Force*
BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE

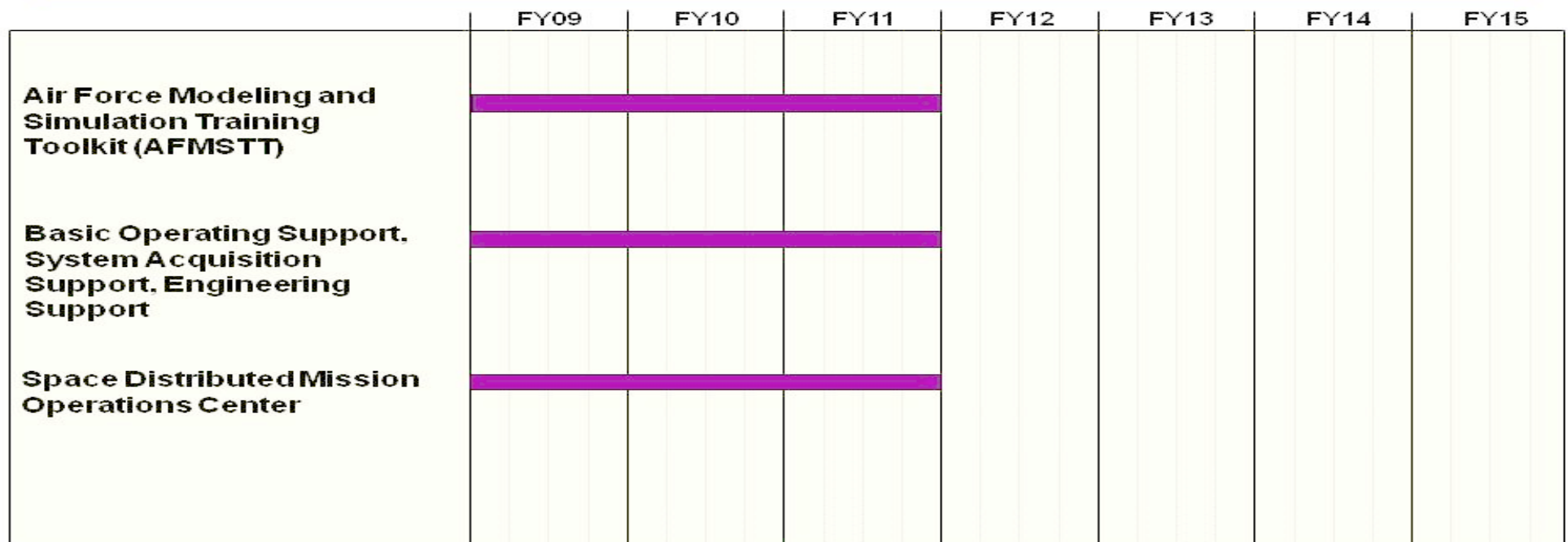
PE 0804757F: *JOINT NATIONAL TRAINING CENTER*

PROJECT

675124: *Training Transformation*



JNTC Schedule



[Blue box] Concept activities
[Orange box] Production / fielding

[Purple box] Design / development
[Green box] Operations / sustainment

[Yellow box] Integration / test
[Black triangle] [White triangle] [White diamond] Key events

UNCLASSIFIED

R-1 Line Item #237

Page 8 of 9

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Air Force			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0804757F: <i>JOINT NATIONAL TRAINING CENTER</i>	PROJECT 675124: <i>Training Transformation</i>	

Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
AFMSTT (Annual Contract Award)	2	2009	2	2010
Basic Operating Support, System Acquisition, Engineering Support (Annual Contract Award)	1	2009	1	2010
Concept of Operations for Space DMOC-S (Annual Contract Award)	3	2009	3	2010

UNCLASSIFIED

R-1 Line Item #237

Page 9 of 9