

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 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604617F: Agile Combat Support							
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	4.518	11.261	37.987	0.000	37.987	12.438	10.536	12.307	12.433	Continuing	Continuing
652895: CE Readiness	0.760	5.135	29.746	0.000	29.746	8.543	7.568	9.293	9.374	Continuing	Continuing
654910: Aeromedical Readiness	3.758	6.126	8.241	0.000	8.241	3.895	2.968	3.014	3.059	Continuing	Continuing
A. Mission Description and Budget Item Justification											
<p>This Program Element (PE) provides capabilities to rapidly deploy, defend and sustain airfield operations, command and control activities, and force protection to ensure readiness. In addition, this PE provides tactical and strategic aeromedical evacuation systems, automated information systems; and medical treatment equipment to meet unique Air Force medical readiness and operational requirements. These activities are prerequisites to establishing air superiority. Development of Agile Combat Support (ACS) systems provides beddown for aircraft, support equipment, and forces at both main operating bases and contingency operating locations, which may have only a runway and a water source. They also offer crucial utilities, runway stabilization and repair, explosive ordnance disposal (EOD), rescue and recovery aids, aeromedical evacuation and treatment equipment; and security and reconnaissance capabilities to support aircraft deployment, launch, recovery and regeneration. Lighter-weight, rapidly deployable equipment has become essential in providing the ability to quickly establish operations, security, and base defense in support of numerous global contingencies, including Operation Enduring Freedom, Operation Iraqi Freedom, various humanitarian/relief efforts, and special operations throughout the world.</p>											
<p>The Agile Combat Support program is in RDT&E Budget Activity 5 - Engineering and Manufacturing Development (EMD) because it supports development, testing and evaluation of materials and equipment for contingency basing, detection and handling of explosive ordnance, tactical shelters, and aeromedical systems.</p>											

UNCLASSIFIED

R-1 Line Item #76

Page 1 of 18

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force				DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
3600: Research, Development, Test & Evaluation, Air Force		PE 0604617F: Agile Combat Support			
BA 5: Development & Demonstration (SDD)					
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	5.775	11.261	0.000	0.000	0.000
Current President's Budget	4.518	11.261	37.987	0.000	37.987
Total Adjustments	-1.257	0.000	37.987	0.000	37.987
• 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	-1.257	0.000	37.987	0.000	37.987
Change Summary Explanation					
FY 2009: \$1.257M Reduced To Support Higher AF Priorities					
FY 2011: The FY 2010 President's Budget submittal did not reflect FY 2011 through FY 2015 funding. Therefore, explanation of changes between the two budget positions cannot be made in a relevant manner					

UNCLASSIFIED

R-1 Line Item #76

Page 2 of 18

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>				PROJECT 652895: <i>CE Readiness</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
652895: <i>CE Readiness</i>	0.760	5.135	29.746	0.000	29.746	8.543	7.568	9.293	9.374	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

This project provides capabilities to rapidly deploy, defend and sustain airfield operations, command and control activities, and force protection to ensure readiness. These activities are prerequisites to establishing air superiority. Also, this project provides crucial utilities, runway stabilization and repair, explosive ordnance disposal (EOD), rescue and recovery aids; and security and reconnaissance capabilities to support global aircraft deployment, employment, recovery and regeneration. Lighter-weight, rapidly deployable equipment has become essential in providing the ability to quickly establish operations, security, and base defense in support of numerous global contingencies, including Operation Enduring Freedom, Operation Iraqi Freedom, various humanitarian/relief efforts, and special operations throughout the world.

The Civil Engineering Readiness program is in RDT&E Budget Activity 5 - Engineering and Manufacturing Development (EMD) because it supports development, test, and evaluation of materials and equipment for contingency basing, detection and handling of explosive ordnance, and tactical shelters.

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Development of Multi-Media Training Systems (MMTS)	0.760	0.000	0.000	0.000	0.000
<i>FY 2009 Accomplishments:</i> In FY 2009: Completed development of MMTS					
<i>FY 2010 Plans:</i> In FY 2010: Not Applicable					
<i>FY 2011 Base Plans:</i> In FY 2011: Not Applicable					

UNCLASSIFIED

R-1 Line Item #76

Page 3 of 18

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 5: Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604617F: Agile Combat Support		PROJECT 652895: CE Readiness		
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.						
MAJOR THRUST: Develop, test and certify equipment for the rapid assessment and repair of runway and airfield damage after attack FY 2009 Accomplishments: In FY 2009: Not Applicable FY 2010 Plans: In FY 2010: Begin to develop, test and certify equipment for the rapid assessment and repair of runway and airfield damage after attack FY 2011 Base Plans: In FY 2011: Continue to develop, test and certify equipment for the rapid assessment and repair of runway and airfield damage after attack FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.		0.000	5.135	4.746	0.000	4.746
MAJOR THRUST: Facilities Study FY 2009 Accomplishments: In FY 2009: Not Applicable FY 2010 Plans: In FY 2010: Not Applicable FY 2011 Base Plans: In FY 2011: Facilities Study		0.000	0.000	25.000	0.000	25.000

UNCLASSIFIED

R-1 Line Item #76

Page 4 of 18

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 5: <i>Development & Demonstration (SDD)</i>		R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>		PROJECT 652895: <i>CE Readiness</i>							
B. Accomplishments/Planned Program (\$ in Millions)											
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total			
<i>FY 2011 OCO Plans:</i> In FY 2011 OCO: Not Applicable.											
Accomplishments/Planned Programs Subtotals				0.760	5.135	29.746	0.000	29.746			
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 0208028F: <i>Other Procurement AF (OPAF), Other Base and Maintenance Support, Air Base Operability (</i>	6.464	22.973	28.503	0.000	28.503	30.085	36.485	27.600	54.390	0.000	0.000
D. Acquisition Strategy											
A majority of projects funded in this PE employ a streamlined acquisition approach. Whenever practical, commercial items are tested and evaluated as candidates for solutions to user needs. This normally involves characterization, verification and qualification testing to ensure commercial off-the-shelf equipment is properly adapted for military purposes.											
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

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>				PROJECT 652895: <i>CE Readiness</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
Multimedia Training Systems (MMTS) (Formerly MTS)	Various/ FFP	Multiple No text provided	0.760	0.000		0.000		0.000		0.000	0.000	0.760	0.843
Airfield Damage Repair	TBD/TBD	TBD No text provided	0.000	5.135	Mar 2010	4.746	Jan 2011	0.000		4.746	Continuing	Continuing	Continuing
Facilities Study	TBD/TBD	TBD No text provided	0.000	0.000		25.000	Jan 2011	0.000		25.000	0.000	25.000	0.000
Subtotal			0.760	5.135		29.746		0.000		29.746			
Remarks													
Support (\$ 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
None	TBD/TBD	No text provided No text provided	0.000	0.000		0.000		0.000		0.000	0.000	0.000	0.000
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #76

Page 6 of 18

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>			PROJECT 652895: <i>CE Readiness</i>				
	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	0.760	5.135		29.746		0.000		29.746			
Remarks Total Prior Years Cost may include only FY 2009 data.											

UNCLASSIFIED

R-1 Line Item #76

Page 7 of 18

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>	PROJECT 652895: <i>CE Readiness</i>

2895 CE Readiness

CE Readiness Schedule

0604617F Agile Combat Support

	FY09	FY10	FY11	FY12	FY13	FY14	FY15
<u>(U) Schedule Profile</u>							
• Complete FY 09 Multi-Media Training Systems projects	▲	▲					
• Initiate and continue Engineering and Manufacturing Development activities for Airfield Damage Repair			△	Notional			
• Facilities			△	△			

UNCLASSIFIED

R-1 Line Item #76

Page 8 of 18

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 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>	PROJECT 652895: <i>CE Readiness</i>	

Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
FY09 Multimedia Training Systems Projects	2	2009	4	2009
Complete FY09 Multimedia Training Systems Projects	1	2010	2	2010
Engineering, Manufacturing, Development and Test of equipment to support airfield damage repair after attack	4	2010	4	2011
Facilities Study	1	2011	4	2011

UNCLASSIFIED

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>				PROJECT 654910: <i>Aeromedical Readiness</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
654910: <i>Aeromedical Readiness</i>	3.758	6.126	8.241	0.000	8.241	3.895	2.968	3.014	3.059	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification <p>This program provides tactical and strategic aeromedical evacuation systems, automated information systems, and medical treatment equipment to meet unique Air Force medical readiness and operational requirements. Current efforts include the Deployable Oxygen System (DOS), Field Intravenous Resuscitation (FIVR), and the Blood Oxygenation System (BOS) programs.</p> <p>The Aeromedical Readiness program is in RDT&E Budget Activity 5 - Engineering and Manufacturing Development (EMD) because it supports development, testing, and evaluation of systems and equipment for patient care during contingency operations and aeromedical evacuations.</p>											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Development of oxygen systems to meet deployable oxygen requirements <i>FY 2009 Accomplishments:</i> In FY 2009: Continue development of oxygen systems to meet deployable oxygen requirements <i>FY 2010 Plans:</i> In FY 2010: Continue development of oxygen systems to meet deployable oxygen requirements <i>FY 2011 Base Plans:</i> In FY 2011: Continue development of oxygen systems to meet deployable oxygen requirements <i>FY 2011 OCO Plans:</i> In FY 2011 OCO: Not Applicable.							0.049	0.060	2.878	0.000	2.878

UNCLASSIFIED

R-1 Line Item #76

Page 10 of 18

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 5: Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604617F: Agile Combat Support		PROJECT 654910: Aeromedical Readiness	
B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: EMD of FIVR for Expeditionary Trauma Resuscitation (ETR) FY 2009 Accomplishments: In FY 2009: Continue EMD of FIVR for ETR FY 2010 Plans: In FY 2010: Continue EMD of FIVR for ETR FY 2011 Base Plans: In FY 2011: Continue EMD of FIVR for ETR FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.	3.560	5.413	3.105	0.000	3.105
MAJOR THRUST: EMD of BOS for ETR FY 2009 Accomplishments: In FY 2009: Not applicable FY 2010 Plans: In FY 2010: Begin EMD of BOS for ETR FY 2011 Base Plans: In FY 2011: Continue EMD of BOS for ETR FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.	0.000	0.500	2.100	0.000	2.100
MAJOR THRUST: Aeromedical Systems Analysis - Conduct studies, analyses and product demonstrations to assist in the development of materiel solutions to meet operational needs	0.149	0.153	0.158	0.000	0.158

UNCLASSIFIED

R-1 Line Item #76

Page 11 of 18

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 5: <i>Development & Demonstration (SDD)</i>			R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>			PROJECT 654910: <i>Aeromedical Readiness</i>					
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
<i>FY 2009 Accomplishments:</i> In FY 2009: Aeromedical Systems Analysis - Conduct foundational studies and analyses, requirements analyses, and product demonstrations to meet operational needs, and define acquisition strategies and baselines for potential system solutions to Air Force Medical Service materiel needs <i>FY 2010 Plans:</i> In FY 2010: Aeromedical Systems Analysis - Conduct foundational studies and analyses, requirements analyses, and product demonstrations to meet operational needs, and define acquisition strategies and baselines for potential system solutions to Air Force Medical Service materiel needs <i>FY 2011 Base Plans:</i> In FY 2011: Aeromedical Systems Analysis - Conduct foundational studies and analyses, requirements analyses, and product demonstrations to meet operational needs, and define acquisition strategies and baselines for potential system solutions to Air Force Medical Service materiel needs <i>FY 2011 OCO Plans:</i> In FY 2011 OCO: Not Applicable.											
Accomplishments/Planned Programs Subtotals						3.758	6.126	8.241	0.000	8.241	
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 Not Provided (17530): <i>Under the lean initiative, procurement</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #76

Page 12 of 18

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>				PROJECT 654910: <i>Aeromedical Readiness</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>
<i>of Aeromedical Systems is being accomplished using O&M funds.</i>											
D. Acquisition Strategy All major projects are awarded under best-value competitive solicitation.											
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

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>				PROJECT 654910: <i>Aeromedical Readiness</i>																																																																																																
Product Development (\$ in Millions) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Cost Category Item</th> <th rowspan="2">Contract Method & Type</th> <th rowspan="2">Performing Activity & Location</th> <th rowspan="2">Total Prior Years Cost</th> <th colspan="2">FY 2010</th> <th colspan="2">FY 2011 Base</th> <th colspan="2">FY 2011 OCO</th> <th>FY 2011 Total</th> <th rowspan="2">Cost To Complete</th> <th rowspan="2">Total Cost</th> <th rowspan="2">Target Value of Contract</th> </tr> <tr> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> <th>Award Date</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>Deployable Oxygen Generation System - Small gas generators and storage units</td> <td>TBD/TBD</td> <td>TBD TBD</td> <td align="right">0.317</td> <td align="right">0.060</td> <td></td> <td align="right">2.878</td> <td align="center">Mar 2011</td> <td align="right">0.000</td> <td></td> <td align="right">2.878</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="center">Continuing</td> </tr> <tr> <td>Field Intravenous Resuscitation (FIVR) - ETR</td> <td align="center">C/CPFF</td> <td>Applied Research Associates, Inc Albuquerque, NM</td> <td align="right">7.946</td> <td align="right">4.258</td> <td align="center">Jan 2010</td> <td align="right">2.580</td> <td align="center">Jan 2011</td> <td align="right">0.000</td> <td></td> <td align="right">2.580</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="center">Continuing</td> </tr> <tr> <td>Blood Oxygenation System - ETR</td> <td>TBD/TBD</td> <td>TBD TBD</td> <td align="right">0.000</td> <td align="right">0.500</td> <td></td> <td align="right">2.100</td> <td align="center">Sep 2011</td> <td align="right">0.000</td> <td></td> <td align="right">2.100</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="center">Continuing</td> </tr> <tr> <td>Aeromedical Systems Analysis to include Analysis of Solutions for planned aeromedical and Surgeon General initiatives</td> <td>TBD/TBD</td> <td>TBD TBD</td> <td align="right">0.149</td> <td align="right">0.153</td> <td></td> <td align="right">0.158</td> <td></td> <td align="right">0.000</td> <td></td> <td align="right">0.158</td> <td align="center">Continuing</td> <td align="center">Continuing</td> <td align="center">Continuing</td> </tr> <tr> <td align="right" colspan="3">Subtotal</td><td align="right">8.412</td><td align="right">4.971</td><td></td><td align="right">7.716</td><td></td><td align="right">0.000</td><td></td><td align="right">7.716</td><td></td><td></td><td></td> </tr> </tbody> </table>														Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Deployable Oxygen Generation System - Small gas generators and storage units	TBD/TBD	TBD TBD	0.317	0.060		2.878	Mar 2011	0.000		2.878	Continuing	Continuing	Continuing	Field Intravenous Resuscitation (FIVR) - ETR	C/CPFF	Applied Research Associates, Inc Albuquerque, NM	7.946	4.258	Jan 2010	2.580	Jan 2011	0.000		2.580	Continuing	Continuing	Continuing	Blood Oxygenation System - ETR	TBD/TBD	TBD TBD	0.000	0.500		2.100	Sep 2011	0.000		2.100	Continuing	Continuing	Continuing	Aeromedical Systems Analysis to include Analysis of Solutions for planned aeromedical and Surgeon General initiatives	TBD/TBD	TBD TBD	0.149	0.153		0.158		0.000		0.158	Continuing	Continuing	Continuing	Subtotal			8.412	4.971		7.716		0.000		7.716			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract																																																																																											
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost																																																																																														
Deployable Oxygen Generation System - Small gas generators and storage units	TBD/TBD	TBD TBD	0.317	0.060		2.878	Mar 2011	0.000		2.878	Continuing	Continuing	Continuing																																																																																											
Field Intravenous Resuscitation (FIVR) - ETR	C/CPFF	Applied Research Associates, Inc Albuquerque, NM	7.946	4.258	Jan 2010	2.580	Jan 2011	0.000		2.580	Continuing	Continuing	Continuing																																																																																											
Blood Oxygenation System - ETR	TBD/TBD	TBD TBD	0.000	0.500		2.100	Sep 2011	0.000		2.100	Continuing	Continuing	Continuing																																																																																											
Aeromedical Systems Analysis to include Analysis of Solutions for planned aeromedical and Surgeon General initiatives	TBD/TBD	TBD TBD	0.149	0.153		0.158		0.000		0.158	Continuing	Continuing	Continuing																																																																																											
Subtotal			8.412	4.971		7.716		0.000		7.716																																																																																														
Remarks																																																																																																								

UNCLASSIFIED

R-1 Line Item #76

Page 14 of 18

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>				PROJECT 654910: <i>Aeromedical Readiness</i>					
Support (\$ 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
Technical Engineering And Management Support (TEAMS)	PO	Core6 San Antonio, TX	1.843	0.438		0.451		0.000		0.451	Continuing	Continuing	Continuing
Program Management Support & Operations	TBD/TBD	77 AESG Brooks City-Base, TX	0.499	0.072		0.074		0.000		0.074	Continuing	Continuing	Continuing
Subtotal			2.342	0.510		0.525		0.000		0.525			
Remarks													
Test and Evaluation (\$ 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
DOS Test and Evaluation	MIPR	AFMESA Fort Detrick, MD	0.193	0.000		0.000		0.000		0.000	Continuing	Continuing	0.000
FIVR Test and Evaluation	MIPR	28 TES Eglin AFB, FL	0.068	0.645		0.000		0.000		0.000	Continuing	Continuing	0.000
Subtotal			0.261	0.645		0.000		0.000		0.000			0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #76

Page 15 of 18

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 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>			PROJECT 654910: <i>Aeromedical Readiness</i>																				
<table border="1"> <thead> <tr> <th></th> <th>Total Prior Years Cost</th> <th>FY 2010</th> <th>FY 2011 Base</th> <th>FY 2011 OCO</th> <th>FY 2011 Total</th> <th>Cost To Complete</th> <th>Total Cost</th> <th>Target Value of Contract</th> </tr> </thead> <tbody> <tr> <td>Project Cost Totals</td> <td>11.015</td> <td>6.126</td> <td>8.241</td> <td>0.000</td> <td>8.241</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>											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	11.015	6.126	8.241	0.000	8.241			
	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	11.015	6.126	8.241	0.000	8.241																						
Remarks Total Prior Years Cost may include only FY 2009 data.																											

UNCLASSIFIED

R-1 Line Item #76

Page 16 of 18

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Air Force		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>	PROJECT 654910: <i>Aeromedical Readiness</i>

4910 Aeromedical Readiness	Aeromedical Readiness Schedule						
0604617F Agile Combat Support	FY09	FY10	FY11	FY12	FY13	FY14	FY15

(U) Schedule Profile

DEPLOYABLE OXYGEN SYSTEM (DOS)

- Deployable Oxygen Generator – Small (DOGS-S)

EXPEDITIONARY TRAUMA RESUSCITATION

- Field Intravenous Resuscitation (FIVR) System
- Blood Oxygenation System (BOS)

	MS B △	EMD	MS C △	Production			△
		EMD		MS C △	Production		
			MS B △	EMD		MS C △	Prod.

UNCLASSIFIED

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 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604617F: <i>Agile Combat Support</i>	PROJECT 654910: <i>Aeromedical Readiness</i>	

Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Engineering and Manufacturing Development Phase for the Small oxygen generation and storage system	2	2010	4	2011
Continue Engineering and Manufacturing Development Phase for the Field Intravenous Resuscitation System	1	2010	4	2011
Conduct market analysis for the Blood Oxygenation System	4	2010	1	2011
Initiate Engineering and Manufacturing Development Phase for the Blood Oxygenation System	4	2011	4	2011

UNCLASSIFIED