

UNCLASSIFIED

PE NUMBER: 0604617F

PE TITLE: Agile Combat Support

Exhibit R-2, RDT&E Budget Item Justification

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	16.989	11.211	10.095	10.904	9.610	9.864	10.108	Continuing	TBD
2895 CE Readiness	6.405	5.955	6.496	6.676	6.765	6.913	7.043	Continuing	TBD
4910 Aeromedical Readiness	10.584	5.256	3.599	4.228	2.845	2.951	3.065	Continuing	TBD

In FY06, Project 2895, Civil Engineering Readiness (CE), included new start efforts.

(U) **A. Mission Description and Budget Item Justification**

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 supporting numerous global contingencies such as humanitarian efforts, Global War On Terrorism, and Enduring Freedom for security, base defense, relief efforts, and special operations throughout the world. Specific ACS capabilities being developed include: power generation and distribution systems to reduce airlift; deployable medical grade oxygen generation systems; a family of deployable shelters to be used as aircraft hangars, maintenance facilities, heavy equipment storage, Command, Control, Communications, Computers and Intelligence (C4I) operations, medical and personnel shelters, systems to repair runway damage, and Joint Service (Army-led) test, evaluation and acquisition of protective systems, and equipment to be used by Air Force EOD technicians for reconnaissance and mine clearing missions.

The Agile Combat Support program is in RDT&E Budget Activity 5 - System Development and Demonstration (SDD) because it supports development, testing and evaluation of materials and equipment for contingency basing, detection and handling of explosive ordnance, tactical shelters, and aeromedical evacuation systems.

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget	18.886	10.173	9.996
(U) Current PBR/President's Budget	16.989	11.211	10.095
(U) Total Adjustments	-1.897	1.038	
(U) Congressional Program Reductions			
Congressional Rescissions	-0.015	-0.162	
Congressional Increases		1.200	
Reprogrammings	-1.643		
SBIR/STTR Transfer	-0.239		
(U) <u>Significant Program Changes:</u>			

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

In FY05, Project 4910 received four Congressional Adds in the amounts of \$2.8M, \$4.2M, \$1M, and \$1M, respectively for AERO Medical Readiness Water sterilization, Isolation Units with Reactive Nanoparticle Materials, Advanced Casualty Care for AFSOC, and Biostatic Protective Clothing for AFSOC.

In FY06, Project 4910 received one Congressional Add in the amount of \$1.2M for Biostatic Protective Clothing, a follow on from the FY05 add.

UNCLASSIFIED

Exhibit R-2a, RDT&E Project Justification

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

2895 CE Readiness

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
2895 CE Readiness	6.405	5.955	6.496	6.676	6.765	6.913	7.043	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

(U) **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. Agile Combat Support Sys Squadron ACSSS) systems provide beddown for aircraft, support equipment, and forces at both main operating bases and contingency operating locations, which may have only a runway and water source. They also offer 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. Light weight, rapidly deployable equipment has become essential in supporting numerous global contingencies such as humanitarian efforts, Global War On terrorism, security, base defense, relief efforts, and special operations throughout the world. Specific ACSSS capabilities being developed and fielded include: deployable power generation and distribution systems to reduce airlift and energy consumption, deployable shelters to be used as aircraft hangars, maintenance facilities, heavy equipment storage, C4I operations, medical and personnel shelters, systems to repair runway damage; and Joint Service (Army-led) test, evaluation and acquisition of protective systems, and equipment to be used by Air Force EOD technicians for reconnaissance, mine clearing operations, accessing and neutralizing improvised explosive devices, and equipment in support of Homeland Defense missions.

The Agile Combat Support Sys program is in RDT&E Budget Activity 5 - System Development and Demonstration (SDD) because it supports development, testing and evaluation of materials and equipment for contingency basing, detection and handling of explosive ordnance, tactical shelters, and aeromedical evacuation systems.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue SDD for All-purpose Remote Transport System (ARTS)/Attachments	2.100	0.761	
(U) Provide Joint Robotics Program (JRP) Support			0.100
(U) Continue risk-reduction activities for Rapid Parking Ramp Expansion (RPRE) SDD	0.100	2.614	2.800
(U) Continue Large Shelter System (LSS) SDD (Stop Work Order initiated Apr 05 (Contract in termination for convenience of the Government)	1.800		
(U) Continue(d) SDD for Multimedia Training Systems (MTS)	1.500	1.000	1.664
(U) Continue(d) Product Evaluations for Civil Engineer Systems & Equipment Analyses (CESEA) (Formerly Commercial Technology Exploitation (CTE))	0.905	1.380	1.432
(U) Support Man-Transportable Robotics System (MTRS) (Formerly Modular Automated Robotic System (MARS)) pre-production activities		0.200	
(U) Initiate SDD for Next-Generation Emergency Airfield Lighting System (NEALS)			0.500
(U) Total Cost	6.405	5.955	6.496

Exhibit R-2a, RDT&E Project Justification

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

2895 CE Readiness

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) Other Procurement, AF, Other Base and Maintenance Support, Mobility Equipment (WSC 845420)	262.972	44.852	26.043	37.735	59.188	74.038	31.908	Continuing	TBD
(U) Other Procurement, AF, Other Base and Maintenance Support, Air Base Operability (WSC 845100)	13.185	5.389	5.063	6.148	6.438	6.571	6.737	Continuing	TBD

(U) **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. ACC/A8M/A7X jointly develop/approve requirements supporting Civil Engineering Readiness and Capabilities Enhancement initiatives, such as Explosive Ordnance Disposal robotics programs. The Agile Combat Support Systems Squadron (ACSSS) at Eglin AFB, FL initiates SDD following receipt of applicable Capabilities Development Documents from those agencies. The Basic Expeditionary Airfield Resource (BEAR) Systems Readiness Board (BSRB) evaluates laboratory and commercial technologies with application for modernization of BEAR assets, such as deployable shelters, power, waste treatment and airfield support systems. With ACC/A8M/A4X/A7X direction and BEAR Program Office approval, ACSSS initiates SDD, and ACC/A4X aligns BEAR production funding within PE 0401135F to support modernization of assets. Initiation of SDD includes all 6.4 activities leading up to contract award and subsequent test and evaluation culminating in a Milestone C production decision.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis										DATE February 2006			
BUDGET ACTIVITY 05 System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604617F Agile Combat Support					PROJECT NUMBER AND TITLE 2895 CE Readiness			
(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract</u> <u>Method &</u> <u>Type</u>	<u>Performing</u> <u>Activity &</u> <u>Location</u>	<u>Total</u> <u>Prior to FY</u> <u>2005</u> <u>Cost</u>	<u>FY 2005</u> <u>Cost</u>	<u>FY 2005</u> <u>Award</u> <u>Date</u>	<u>FY 2006</u> <u>Cost</u>	<u>FY 2006</u> <u>Award</u> <u>Date</u>	<u>FY 2007</u> <u>Cost</u>	<u>FY 2007</u> <u>Award</u> <u>Date</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>	<u>Target Value</u> <u>of Contract</u>	
(U) <u>Product Development</u> ARTS/Attachments	FFP	Applied Research Associates, South	6.755	2.100	Mar-05	0.761	Jan-06			0.000	9.616	9.955	
Joint Robotics Program (JRP) Support	FFP	Royalton, VT ACSSS, Eglin AFB, FL						0.100	Jan-07	Continuing	TBD	TBD	
Rapid Parking Ramp Expansion	FFP	TBD	0.000	0.100	Mar-05	2.614	Dec-05	2.800	Dec-06	0.700	6.214	4.700	
Large Shelter System (LSS)	FFP	Vertigo, Inc., Lake Elsinore, CA	2.607	1.800	Feb-05					0.000	4.407	4.700	
Multimedia Training Systems (MTS)	FFP	Multiple	5.075	1.500	Jan-05	1.000	Feb-06	1.664	Mar-07	Continuing	TBD	TBD	
Civil Engineer Sys & Equipment Analysis (CESEA)(Formerly CTE)	FFP	Multiple	1.970	0.905	May-05	1.380	May-06	1.432	May-07	Continuing	TBD	TBD	
Man-Transportable Robotics Sys (MTRS) (Formerly MARS)	TBD	TBD				0.200				0.000	0.200	0.200	
Next-Generation Emergency Airfield Lighting System (NEALS)	TBD	TBD						0.500	Feb-07	5.500	6.000	6.000	
Subtotal Product Development			16.407	6.405		5.955		6.496		Continuing	TBD	TBD	
Remarks:													
(U) <u>Support</u> None.											0.000		
None											0.000		
Subtotal Support			0.000	0.000		0.000		0.000		0.000	0.000	0.000	
Remarks:													
(U) <u>Test & Evaluation</u> Various	Various			0.000						Continuing	TBD		
None											0.000		
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		Continuing	TBD	0.000	
Remarks:													
(U) <u>Management</u> Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000	
Remarks:													
(U) Total Cost			16.407	6.405		5.955		6.496		Continuing	TBD	TBD	
NOTE: This is a level of effort Program Element with 20+ years of projects. Prior years breakout not available.													
Project 2895 R-1 Shopping List - Item No. 85-5 of 85-13 Exhibit R-3 (PE 0604617F)													

Project 2895

R-1 Shopping List - Item No. 85-5 of 85-13

Exhibit R-3 (PE 0604617F)

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

2895 CE Readiness

2895 CE Readiness

CE Readiness Schedule

0604617F Agile Combat Support

FY05

FY06

FY07

FY08

(U) Schedule Profile**ALL-PURPOSE REMOTE TRANSPORT SYSTEM (ARTS)**

- Continued ARTS Box Rake SDD
- ARTS Box Rake Production
- Submunitions Clearance System (SCS) SDD Phase I & II
- Initiate SCS Production
- Continue T&E for ARTS Data Feedback System (DFS)
- DFS Production

RAPID PARKING RAMP EXPANSION (RPRE)

- Conduct FY05 RPRE Pre-SDD activities
- Conduct FY06 RPRE Pre-SDD activities
- RPRE Milestone B Decision
- Award RPRE SDD Contract
- Initiate RPRE T&E

LARGE SHELTER SYSTEM (LSS)

- Initiated SDD Stop Work Order - Contract under termination

MULTIMEDIA TRAINING SYSTEMS (MMTS)

- Conduct FY05 MMTS Projects
- Conduct FY06 MMTS Projects
- Conduct FY07 MMTS Projects

T & E

T & E I

T & E II

Production

Production

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

2895 CE Readiness

2895 CE Readiness

CE Readiness Schedule

0604617F Agile Combat Support

FY05

FY06

FY07

FY08

(U) Schedule Profile**CIVIL ENGINEER SYSTEMS AND EQUIPMENT ANALYSIS
(CESEA)**

- Conduct FY05 CESEA Product Evaluations
- Conduct FY06 CESEA Product Evaluations
- Conduct FY07 CESEA Product Evaluations

MAN TRANSPORTABLE ROBOTICS SYSTEM (MTRS)

- Exercise MTRS Option
- MTRS Production Delivery

**NEXT-GENERATION EMERGENCY AIRFIELD LIGHTING
SYSTEM (NEALS)**

- Submit NEALS RFP
- Award NEALS SDD Contract
- Initiate NEALS T&E



UNCLASSIFIED

Exhibit R-4a, RDT&E Schedule Detail			DATE	
			February 2006	
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT NUMBER AND TITLE		
05 System Development and Demonstration (SDD)	0604617F Agile Combat Support	2895 CE Readiness		
(U) <u>Schedule Profile</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
(U) ALL-PURPOSE REMOTE TRANSPORT SYSTEM (ARTS)				
(U) Continue ARTS Box Rake SDD		2Q		
(U) Award ARTS Box Rake Procurement Contract		2Q		
(U) Continue Data Feedback System (DFS) T&E		3Q		
(U) Award DFS Procurement Option		3Q		
(U) Begin Submunitions Clearance System (SCS) SDD Phase I	3Q			
(U) Begin Submunitions Clearance System (SCS) SDD Phase II		3Q		
(U) Award SCS Procurement Option		4Q		
(U) RAPID PARKING RAMP EXPANSION (RPRE)				
(U) Conduct FY05 RPRE Pre-SDD activities	4Q			
(U) Conduct FY06 RPRE Pre-SDD activities		1Q		
(U) RPRE Milestone B Decision		3Q		
(U) Award SDD Contract			1Q	
(U) Initiate RPRE T&E			2Q	
(U) LARGE SHELTER SYSTEM (LSS)				
(U) Conduct FY05 SDD activities	2Q			
(U) Initiated "Stop Work Order" Contract under Termination for Convenience of the Government	3Q			
(U) MULTIMEDIA TRAINING SYSTEMS (MTS)				
(U) Complete FY05 MTS Projects	3Q			
(U) Complete FY06 MTS Projects		3Q		
(U) Complete FY07 MTS Projects			3Q	
(U) CIVIL ENGINEER SYS & EQUIPMENT ANALYSIS(CESEA)				
(U) Complete FY05 CESEA Product Evaluations	4Q			
(U) Conduct FY06 CESEA Product Evaluations		3Q		
(U) Conduct FY07 CESEA Product Evaluations			3Q	
(U) MAN-TRANSPORTABLE ROBOTICS SYS (MTRS)(FORMERLY MARS)				
(U) Support MTRS Pre-Production Activities		2Q		
(U) Exercise MTRS Option			1Q	
(U) NEXT-GENERATION EMERGENCY AIRFIELD LIGHTING SYSTEM (NEALS)				
(U) Submit NEALS RFP			1Q	
(U) Award NEALS SDD Contract			2Q	
(U) Initiate NEALS T&E			3Q	
Project 2895	R-1 Shopping List - Item No. 85-8 of 85-13	Exhibit R-4a (PE 0604617F)		

Project 2895

R-1 Shopping List - Item No. 85-8 of 85-13

Exhibit R-4a (PE 0604617F)

UNCLASSIFIED

Exhibit R-2a, RDT&E Project Justification

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

4910 Aeromedical Readiness

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
4910 Aeromedical Readiness	10.584	5.256	3.599	4.228	2.845	2.951	3.065	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

In FY06, Project 4910 received one Congressional Add in the amount of \$1.2M for Biostatic Protective Clothing, a follow on from the FY05 add.

(U) **A. Mission Description and Budget Item Justification**

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.

The Agile Combat Support program is in RDT&E Budget Activity 5 - System Development and Demonstration (SDD) because it supports development, testing and evaluation of materials and equipment for contingency basing, detection and handling of explosive ordnance, tactical shelters, and aeromedical evacuation systems.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue operation support, market research, and acquisition strategy for deployable oxygen systems	0.100	0.200	
(U) Continue development of oxygen systems to meet deployable oxygen requirements	0.877	2.955	2.035
(U) Conduct analysis and begin SDD activities for Expeditionary Trauma Resuscitation	0.000	0.651	1.293
(U) Congressional add for Advanced Casualty Care for AFSOC	0.979	0.000	0.000
(U) Initiate Congressional add for AERO Medical Readiness Water Sterilization (Continuation of FY04 Congressional add for Nano-technology to produce sterile water)	2.745	0.000	0.000
(U) Congressional add for Biostatic Protective Clothing for AFSOC	0.980	1.183	0.000
(U) Congressional add for Isolation Units with Reactive Nanoparticle Materials	4.116	0.000	0.000
(U) 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	0.787	0.267	0.271
(U) Total Cost	10.584	5.256	3.599

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

	<u>FY 2005</u> <u>Actual</u>	<u>FY 2006</u> <u>Estimate</u>	<u>FY 2007</u> <u>Estimate</u>	<u>FY 2008</u> <u>Estimate</u>	<u>FY 2009</u> <u>Estimate</u>	<u>FY 2010</u> <u>Estimate</u>	<u>FY 2011</u> <u>Estimate</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>
(U) Other Procurement, AF, Other Base Maintenance and Support, Medical/Dental Equipment (WSC 845060)	15.101	15.485	16.377	16.941	18.809	19.245	16.630	Continuing	TBD

(U) **D. Acquisition Strategy**

All major projects are awarded under best-value competitive solicitation.

Project 4910

R-1 Shopping List - Item No. 85-9 of 85-13

Exhibit R-2a (PE 0604617F)

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis										DATE February 2006			
BUDGET ACTIVITY 05 System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604617F Agile Combat Support					PROJECT NUMBER AND TITLE 4910 Aeromedical Readiness			
(U)	<u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2005 Cost</u>	<u>FY 2005 Cost</u>	<u>FY 2005 Award Date</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U)	<u>Product Development</u>												
	Deployable Oxygen Systems	N/A		4.632	0.100		0.200					4.932	
	Deployable Oxygen Generation System - Small, medium & large gas generators and storage units	CPFF	Pacific Consolidated Industries LLC, Riverside, CA & Carleton Life Support Systems INC, Davenport, IA	0.000	0.877		2.515	Oct-05	1.725	Feb-07	Continuing	TBD	TBD
	Expeditionary Trauma Resuscitation	TBD	TBD				0.651		1.293	Feb-07	Continuing	TBD	TBD
	Congressional add for Advanced Casualy Care for AFSOC	MIPR	Hyperion		0.979		0.000		0.000		0.000	0.979	TBD
	Congressional add for AERO Medical Readiness Water Sterilization	CPFF	Seldon Laboratories, Windsor, VT		2.745	May-05	0.000		0.000		0.000	2.745	TBD
	Congressional add for Biostatic Protective Clothing	TBD	THY, Alexandria, AL		0.980		1.183		0.000		0.000	2.163	TBD
	Congressional add for Isolation Units With Reactive Nanoparticle Materials	CPFF	Gentex, Lackawanna County, PA		4.116	Jul-05	0.000		0.000		0.000	4.116	TBD
	Aeromedical Systems Analysis to include Analysis of Solutions for planned aeromedical and Surgeon General initiatives	N/A	N/A		0.181							0.181	
	Subtotal Product Development			4.632	9.978		4.549		3.018		Continuing	TBD	TBD
	Remarks:												
(U)	<u>Support</u>												
	Technical Engineering And Management Support (TEAMS)	Delivery Order			0.320		0.330		0.200		Continuing	TBD	
	Program Management Support & Operations	Various			0.236		0.327		0.331		Continuing	TBD	
	None.											0.000	
	Subtotal Support			0.000	0.556		0.657		0.531		Continuing	TBD	0.000
	Remarks:												
(U)	<u>Test & Evaluation</u>												
	DOS Test and Evaluation				0.050		0.050		0.050		Continuing	TBD	
	None.											0.000	
	Subtotal Test & Evaluation			0.000	0.050		0.050		0.050		Continuing	TBD	0.000
	Remarks:												
Project 4910				R-1 Shopping List - Item No. 85-10 of 85-13						Exhibit R-3 (PE 0604617F)			

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

4910 Aeromedical Readiness(U) Management

Subtotal Management

0.000

0.000

0.000

0.000

0.000

0.000

0.000

Remarks:

(U) Total Cost

4.632

10.584

5.256

3.599

Continuing

TBD

TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

4910 Aeromedical Readiness

Aeromedical Readiness Schedule

PE 0604617F Agile Combat Support
BPAC 654910 Aeromedical Readiness

(U) Schedule Profile**DEPLOYABLE OXYGEN SYSTEM (DOS)**

- Completed Deployable Liquid Oxygen System (DOLS) prototype development
- Small oxygen generator and storage unit
- Medium oxygen generator and storage unit
- Large oxygen generator and storage unit (MS B, 2Q FY08)

NANO-TECHNOLOGY TO PRODUCE STERILE WATER

- Completed Technology Insertion Agreement (TIA)

EXPEDITIONARY TRAUMA RESUSCITATION

- Conduct MS B decision based on technology maturation

FY05

FY06

FY07



MS B ▲



MS B ▲

SDD

SDD MS C ▲

MS C ▲

▲ MS B
SDD

UNCLASSIFIED

Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604617F Agile Combat Support

PROJECT NUMBER AND TITLE

4910 Aeromedical Readiness

(U) <u>Schedule Profile</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) DEPLOYABLE OXYGEN SYSTEMS			
(U) -Completed Deployable Liquid Oxygen System (DOLS) prototype development	1Q		
(U) -Conduct Milestone B for small oxygen generator and storage unit		4Q	
(U) -Conduct Milestone C for small oxygen generator and storage unit			4Q
(U) -Conduct Milestone B for medium oxygen generator and storage unit	3Q		
(U) -Conduct Milestone C for medium oxygen generator and storage unit			4Q
(U) -Complete Technology Insertion Agreement (TIA) for Nano-Technology to produce sterile water	2Q		
(U) EXPEDITIONARY TRAUMA RESUSCITATION			
(U) -Conduct Milestone B decision dependent upon technology maturation			2Q