PE NUMBER: 0207028F

PE TITLE: Joint Expeditionary Force Experiment

RDT&E BUDGET ITEM	JUSTI	FICATI	ON SH	DATE	DATE June 2001					
BUDGET ACTIVITY 07 - Operational System Development			•	UMBER AND 7028F		pedition	ary Forc	e Exper	iment	
COST (\$ in Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	0	0	64,005	31,987	67,377	32,906	68,461	33,245	Continuing	TBD
4373 JEFX	0	0	59,378	25,544	60,625	26,147	63,412	28,191	Continuing	TBD
4991 JDEP	0	0	4,627	6,443	6,752	6,759	5,049	5,054	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

⁻ FY03 - FY07 budget numbers do not reflect the DoD strategic review results

(U) A. Mission Description

The Joint Expeditionary Force Experiments (JEFX) are large-scale warfighter experiments and are part of the total AF experimentation effort. They combine live-fly forces and simulations into an operationally representative warfighter environment. These experiments provide a vehicle for experimentation with operational concepts and attendant new technologies for enhancing capabilities of the 21st century aerospace force. They are part of a broader effort to implement the Joint Vision 2020, exploit the Revolution in Military Affairs, and demonstrate emerging Air Force capabilities to deploy and employ decisive aerospace power for the Joint Force Commander.

In FY01, the Air Force moved to a biennial schedule for JEFX conducted in the even years. In order to reduce risk in the large scale experiments in the even years, a small scale Advanced Process and Technology Experiment (APTX) is scheduled for the odd years. These experiments will focus on a single problem that will be part of the JEFX experiment. For 2001 (performed under PE 0207027) the focus is alliance operations which requires building an open Combined Aerospace Operations Center (CAOC) floor. In addition, the Air Force begins the integration of proven initiatives into integrated Air Force/Joint/Coalition Command and Control providing integrated/interoperable fielded capabilities for warfighter use. Transition of selected technologies to the warfighter will be based on a rigorous, defined process which ensures interoperability with fielded programs and maximum return on investment. Funding for transition of selected technologies is provided in the odd years only. Specific weapon system development and procurement activities are funded in their own budget lines as applicable.

A full-scale experiment as performed in FY99 and FY00 will be conducted in FY02. The amounts listed below for each category are based on previous large scale experiments. While the total program funding isn't affected, the amounts in each category may change based on the scope and direction for the experiment, and the initiatives selected. This flexibility is necessary to fully support the Congressionally directed joint force experiment, Millennium Challenge 02. Also, the JEFX

Page 1 of 13 Pages

Exhibit R-2 (PE 0207028F)

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

June 2001

BUDGET ACTIVITY

PE NUMBER AND TITLE

07 - Operational System Development

0207028F Joint Expeditionary Force Experiment

(U) A. Mission Description Continued

experiment will be scheduled at the same time as USJFCOM's Millennium Challenge 02, in order for both experiments to leverage each other. Integrated Air Force/Joint/Coalition Command and Control integration of new initiatives and legacy systems into an integrated Command and Control, Intelligence, Surveillance, and Reconnaissance (C2ISR) baseline will be an ongoing activity.

The Joint Distributed Engineering Plant (JDEP) connects combat system engineering sites and replicates Joint Force Combat Systems to crate a network testbed to assess joint Battle Management, Command, Control, Communicatin, Computers and Intelligence. Its objective is to improve interoperability of weapons systems and platforms through more rigorous interoperability evaluation in a replicated battlefield environment. JDEP will provide the capability both to improve service and joint systems performacne in a system-of-systems environment.

JDEP will link existing service and joint combat system engineering and test sites, such as C4I hardware in-the-loop and computer-program in-the-loop engineering sites (including design activities, software support activities, test and evaluation facilities and training commands) located around the country.

(U) B. Budget Activity Justification

This effort is a Budget Activity 7, Research, Development, Test and Evaluation, Management Support, because the program provides a vehicle for developers, testers and warfighters for experimentation, analysis, operational concepts and new technologies for enhancing capabilities of the 21st century aerospace force.

(U) C. Program Change Summary (\$ in Thousands)

(U) Previous President's Budget (FY 2001 PBR)

FY 2000

FY 2001

FY 2002 63,053 Total Cost

- (U) Appropriated Value
- (U) Adjustments to Appropriated Value
 - a. Congressional/General Reductions
 - b. Small Business Innovative Research
 - c. Omnibus or Other Above Threshold Reprogram
 - d. Below Threshold Reprogram
 - e. Rescissions
- (U) Adjustments to Budget Years Since FY 2001 PBR

Current Budget Submit/FY 2002 PBR

952 64.005

TBD

(U) Significant Program Changes:

\$4.6M was added to PE 0207028F for JDEP in FY02 to support interoperability assessment of key joint BMC4I systems.

Page 2 of 13 Pages

Exhibit R-2 (PE 0207028F)

RDT&E BUDGET ITEM	JUSTIF	ICATIO	N SHE	ET (R-	2A Exh	ibit)		DATE	June	2001	
BUDGET ACTIVITY 07 - Operational System Development		PE NUMBER AND TITLE 0207028F Joint Expeditionary Force Experiment									
COST (\$ in Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost	
4373 JEFX	0	0	59,378	25,544	60,625	26,147	63,412	28,191	Continuing	TBD	

Note:

- JEFX 98, 99,00 were executed within existing programs.
- FY2001 is being executed under PE 0207027 Expeditionary Force Experiment, Program #674814.
- FY 2002 JEFX is the first year of execution under this PE 0207028F.

(U) A. Mission Description

The Joint Expeditionary Force Experiments (JEFX) are large-scale warfighter experiments and are part of the total AF experimentation effort. They combine live-fly forces and simulations into an operationally representative warfighter environment. These experiments provide a vehicle for experimentation with operational concepts and attendant new technologies for enhancing capabilities of the 21st century aerospace force. They are part of a broader effort to implement the Joint Vision 2020, exploit the Revolution in Military Affairs, and demonstrate emerging Air Force capabilities to deploy and employ decisive aerospace power for the Joint Force Commander.

In FY01, the Air Force moved to a biennial schedule for JEFX conducted in the even years. In order to reduce risk in the large scale experiments in the even years, a small scale Advanced Process and Technology Experiment (APTX) is scheduled for the odd years. These experiments will focus on a single problem that will be part of the JEFX experiment. For 2001 (performed under PE 0207027) the focus is alliance operations which requires building an open Combined Aerospace Operations Center (CAOC) floor. In addition, the Air Force begins the integration of proven initiatives into integrated Air Force/Joint/Coalition Command and Control providing integrated/interoperable fielded capabilities for warfighter use. Transition of selected technologies to the warfighter will be based on a rigorous, defined process which ensures interoperability with fielded programs and maximum return on investment. Funding for transition of selected technologies is provided in the odd years only. Specific weapon system development and procurement activities are funded in their own budget lines as applicable.

A full-scale experiment as performed in FY99 and FY00 will be conducted in FY02. The amounts listed below for each category are based on previous large scale experiments. While the total program funding isn't affected, the amounts in each category may change based on the scope and direction for the experiment, and the initiatives selected. This flexibility is necessary to fully support the Congressionally directed joint force experiment, Millennium Challenge 02. Also, the JEFX experiment will be scheduled at the same time as USJFCOM's Millennium Challenge 02, in order for both experiments to leverage each other. Integrated Air Force/Joint/Coalition Command and Control integration of new initiatives and legacy systems into an integrated Command and Control, Intelligence, Surveillance, and Reconnaissance (C2ISR) baseline will be an ongoing activity.

Project 4373 Pages Exhibit R-2A (PE 0207028F)

	RDT&	E BUDGET ITEM JUSTIFICATI	ON SHEET (R-2A Exhibit)	DATE June 2001
	GET ACTIVITY - Operational Sy	stem Development	PE NUMBER AND TITLE 0207028F Joint Expeditionary For	PROJECT 4373
(U)	A. Mission Descript	ion Continued		
(U) (U) (U)	FY 2000 (\$ in Thous \$0 \$0	ands) No Activity Total		
(U) (U)	FY 2001 (\$ in Thous	No Activity		
(U)	\$0 FY 2002 (\$ in Thous	Total		l
(U)	\$19,728	Initiatives from government and industry, select and computer development upgrade. Initiatives Aerospace Expeditionary Force (AEF) and concenvironment. They are both process as well as existing infrastructure but projects capabilities operational capabilities into the AEF Concept of carried over from JEFX 2000 and new capability Targeting and the C2 of ISR that enable it. The an open floor. Initiatives are the key to implement necessary to enable rapid fielding. Funding also separated C2 centers the ability to communicate		cture to expand the capabilities of the for experimentation in the JEFX nent that leverages as much as possible troduce these new technologies and EFX 2002 will consist of capabilities focus area for JEFX 02 is Time Critical er (CAOC) with alliance integration on of some of the initiatives will be global grid which gives geographically
(U)	\$12,593	integrate initiatives into the cohesive systems at perform in an integrated fashion with the design	ration, including engineering, for the experiment. Contra- rehitecture creating a C2 system of systems. In other wo ned architecture. Previous experiments have successfully priment and not simply a demonstration or exercise.	ords, the initiatives must be able to
(U)	\$7,793		riment. Provides the funds that are essential to plan, desirtise to support SPO functions of initiative selection, acqu	= = = = = = = = = = = = = = = = = = = =
(U)	\$19,264	architecture configurations for spirals and the e	modeling and simulation (M&S), install infrastructure, in xperiment. Three spirals are conducted prior to the expert e training to the operators on new tools and processes. T	riment to develop the JEFX environment,
F	Project 4373		Page 4 of 13 Pages	Exhibit R-2A (PE 0207028F)

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)

DATE

June 2001

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

07 - Operational System Development

0207028F Joint Expeditionary Force Experiment

4373

(U) A. Mission Description Continued

(U) FY 2002 (\$ in Thousands) Continued

assessment of the performance of the initiatives. The experiment fully executes the environment by bringing operators, communicators, live fly participants, evaluators and others to fully integrated, distributed nodes. M&S provides the ability to replicate as much as possible the aerospace environment and Concept of Operations (CONOPS) for experimentation while minimizing costly real world assets. Some tools and processes require live fly assets to obtain valid assessments

(U) \$0 Integration of new initiatives and legacy systems into an integrated C2ISR baseline. Funding provided in odd years only.

(U) \$59,378 Total

(U) B. Project Change Summary

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

FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 FY 2006 FY 2007 Total Cost Cost to Estimate Estimate Estimate Complete Actual Estimate Estimate Estimate Estimate

- (U) AF RDT&E
- (U) Other APPN

(U) D. Acquisition Strategy

Electronic Systems Center (ESC), Hanscom AFB, MA will manage the acquisition and development process for the experimentation, integration, and fielding of selected technologies with legacy systems in an integrated C2ISR baseline. The spiral development system was created to field new and emerging technologies quickly. One of the tenets of the streamlined acquisition philosophy is to provide new capabilities through the integration of existing software components. JEFX periodically provides the opportunity to demonstrate new capabilities that provide decisive air and space power by identifying existing DII components and other software that can be integrated to further advance effectiveness. Research and development funding will be used to develop the integrating code for various systems ranging from communications, C2, computers, weapons, Intelligence, Surveillance and Reconnaissance (ISR) and aerospace delivery vehicles. In addition, funds will be used to develop enhancements to existing capabilities necessary to demonstrate how emerging products can improve the warfighters' effectiveness. Spirals within the acquisition cycle allow deficiencies to be identified and considered for future spirals as well as the next experiment or applied to current capabilities. Selected technologies will be identified via a vigorous, defined process for integration with existing systems and transitioned to the field for warfighter use. Integration efforts will capitalize on the synergy between evolving technologies and on-going system program modifications to maximize the return on investment. Various time & materials CAAS contracts will be awarded during the first quarter of FY02 to provide program support and various other contracts, CPFF, T&M, cost plus award fee, etc., will be awarded during the initiatives selected during the initiative selection process

Project 4373 Pages Page 5 of 13 Pages

	RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)								DATE June 2001				
	GET ACTIVITY - Operational System Development				ND TITLE Joint	Exped	itionaı	y Force	Exp	erime	nt	PRO. 437	
07 · (U)	Call for initiatives for JEFX 2002 (Performed under PE 0207027F) Initiative selection, JEFX 2002 (Performed under PE 0207027F) Architectural Development, JEFX 2002 Conduct Spiral I Conduct Spiral II Conduct Spiral III Conduct Spiral III Conduct JEFX 2002 Experiments Perform Assessment, JEFX 2002 Experiments (1QFY03) Commence integration of selected initiatives (1QFY03) Call for Initiatives, APTX 03 Implement JDEP sites at Hurlburt, Hanscom and Langley	1		28F		1	FY 2		4 X	1 X			
F	Project 4373	Pag	ge 6 of 13 P	ages					E	Exhibit R	2-2A (P	E 02070	(28F)

	RDT&E PROG	RAM ELE	MENT/PF	ROJECT C	OST BI	REAKDO	WN (R-3))	DATE	June 200	1
	GET ACTIVITY Operational System	Developme	nt			ER AND TITLE 28F Joint E	Expedition	ary Force	Experim	nent	PROJECT 4373
(U)	A. Project Cost Breakdown	(\$ in Thousand	ds)								
(U)	Initiatives from government	and industry cal	action and prior	ritization of new	and praviou	10 1 7	FY 2	2000	FY 20	<u>001</u>	<u>FY 2002</u> 19,728
(0)	considered initiatives, C2 Ce	•				151y					19,720
(U)	Development of systems arch				10	eriment					12,593
(U)	Planning, coordination, and a		•	888,							7,793
(U)	Implement architectural conf			d simulation (Ma	&S), install						19,264
	infrastructure, install and test	communication	s configuration	s.							
(U)	Integration of new initiatives provided in odd years only.	and legacy syste	ems into an inte	egrated C2ISR ba	aseline. Fui	nding					0
(U)	Total										59,378
(U)	B. Budget Acquisition History	ory and Plannin	g Information	(\$ in Thousand	<u>ls)</u>						
(U)	Performing Organizations:										
	Contractor or	Contract									
	Government	Method/Type	Award or	Performing	Project						
	Performing	or Funding	Obligation	<u>Activity</u>	Office	Total Prior	<u>Budget</u>	Budget	<u>Budget</u>	Budget to	<u>Total</u>
	Activity	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	to FY 2000	FY 2000	FY 2001	FY 2002	<u>Complete</u>	<u>Program</u>
	Product Development Organi										
	ESC	MITRE	1 October	N/A	N/A				6,000	Continuing	TBD
i	ESC	GSA	1 April	N/A	N/A				5,500	Continuing	TBD
	ESC	IDIQ	1 October	N/A	N/A				1,500	Continuing	TBD
	ESC	TBD	TBD	N/A	N/A				24,587	Continuing	TBD
	AC2ISRC	Time & Materials	1 December	N/A	N/A				1,000	Continuing	TBD
	AC2ISRC	Time &	1 October	N/A	N/A				300	Continuing	TBD
		Materials									
	AC2ISRC	Time &	1 October	N/A	N/A				250	Continuing	TBD
		Materials									
	AC2ISRC	Time &	1 February	N/A	N/A				200	Continuing	TBD
Р	roject 4373			Page	e 7 of 13 Pa	ges			Exhil	oit R-3 (PE 0	207028F)

	RDT&E	PROGRAM EL	EMENT/PRO	JECT (COST BRE	AKDO	WN (R-3)		DATE	June 2001			
	GET ACTIVITY Operational	System Developm	ent		PE NUMBER A		Expedition	ary Force	Experim	nent	PROJECT 4373		
(U)		nnizations Continued:											
	AC2ISRC	Materials Time & Materials	1 December	N/A	N/A				1,811	Continuing	TBD		
	AC2ISRC	Time & Materials	1 December	N/A	N/A				499	Continuing	TBD		
	AC2ISRC	Time & Materials	1 December	N/A	N/A				959	Continuing	TBD		
	AC2ISRC	Time & Materials	1 December	N/A	N/A				961	Continuing	TBD		
	AC2ISRC	Time & Materials	1 December	N/A	N/A				287	Continuing	TBD		
	AC2ISRC	Time & Materials	1 December	N/A	N/A				220	Continuing	TBD		
	AC2ISRC Support and Mana	TBD agement Organizations	TBD	N/A	N/A				15,304	Continuing	TBD		
	Subtotals Subtotal Product I Subtotal Support	On Organizations Development and Management			_	otal Prior FY 2000	Budget FY 2000	Budget FY 2001	Budget FY 2002 59,378	Budget to Complete TBD			
	Subtotal Test and Total Project	Evaluation							59,378	TBD	TBD		
Р	roject 4373			Paş	ge 8 of 13 Pages				Exhil	oit R-3 (PE ()207028F)		

RDT&E BUDGET ITEM	JUSTIF	ICATIC	ON SHE	EI (R-	ZA EXh	ibit)			June 2001			
BUDGET ACTIVITY 07 - Operational System Development		PE NUMBER AND TITLE 0207028F Joint Expeditionary Force Experiment										
COST (\$ in Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost		
4991 JDEP	0	0	4,627	6,443	6,752	6,759	5,049	5,054	Continuing	ТВІ		
 4991 JDEP FY02 is first year of funding for JDEP in PE 0207028. FY03 - FY07 budget numbers do not reflect the DoD s 	F		,	6,443	6,752	6,759	5,049	5,054	Continuing			

(U) A. Mission Description

The Joint Distributed Engineering Plant (JDEP) connects combat system engineering sites and replicates Joint Force Combat Systems to create a network testbed to assess joint Battle Management, Command, Control, Communication, Computers and Intelligence. It's objective is to improve interoperability of weapons systems and platforms through more rigorous interoperability evaluation in a replicated battlefield environment. JDEP will provide the capability both to improve service and joint system performance in a system-of-systems environment.

JDEP will link existing Service and Joint combat system engineering and test sites, such as C4I hardware in the loop and computer-program-in-the-loop engineering sites (including Design Activities, software support activities, test & evaluation facilities and training commands) located around the country.

(U) FY 2000 (\$ in Thousands)

(U) \$0 No Activity

(U) \$0 Total

(U) <u>FY 2001 (\$ in Thousands)</u>

(U) \$0 No Activity

(U) \$0 Total

(U) <u>FY 2002 (\$ in Thousands)</u>

(U) \$1,500 Site activation and Ops support: JDEP leverages as much as possible the existing infrastructure at sites throughout DoD to connect combat

system engineering sites to emulate tactical data links. It builds on a federation of sites that are activated expanding on the current sites and identifying which ones should be activated in the future. This process gives geographically separated C2 centers and program offices the ability to work interoperability issues early in the acquisition process. There are 3-programmed AF sites scheduled to be activated. This includes

hardware, software and activation cost for each site.

(U) \$880 Communication architectures, links and engineering and support for site activities. This includes hardware, software and network connections

for each site activated. It incorporates configuration management, scheduling, development & implementation of communications architectures.

Project 4991 Page 9 of 13 Pages Exhibit R-2A (PE 0207028F)

	RDT&E	BUDGET ITE	M JUSTIF	ICAT	ION SHI	EET (R-	2A Exhil	oit)	D	ATE June 2	001
-	GET ACTIVITY - Operational Sys	tem Developme	nt			NUMBER AND 07028F		editionary	y Force E	xperiment	PROJECT 4991
(U)	A. Mission Description	on Continued									,
(U)		nds) Continued This will support distr facilities, which allow			_		1 5	_		•	existing
(U)	\$600	Existing JDEP support amaintenance support a	t activities. Thi	s include:	s ops and ma	intenance of	the current s		_		ops &
(U)	\$295	Development of syste development of Joint to a single facility for	ms architecture simulation and s	and integ stimulatio	ration, inclue on environme	ding enginee	ring, for the .	-			
(U)	\$825	Experiment implement assist users in the anal	tation and analy	ysis to par	rticipant in v		0 1		ost exercise e	vents. It includes so	upport staff to
(U)	\$527	Development of a sim customers an opportunity	ulation/stimulat	ion envir	onment for J	DEP events.	This incorpo		ulation of an	environment that a	llows
(U)		Total	,	F							
(U)	B. Project Change Su - FY02 First year of JD										
(U)	C. Other Program Fu	nding Summary (\$ in FY 2000 Actual	FY 2001 FY	Y 2002 stimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
(U) (U)	AF RDT&E Other APPN			_						- •	
(U)	D. Acquisition Strategy Acquisition Strategy: E and site activation activ for system integration,	lectronic Systems Cer ities for all Air Force	JDEP activities.	JDEP w		-	-	-	-	-	-
(U)	E. Schedule Profile]	FY 2000		FY 20	<u>001</u>	FY 2	2002
P	Project 4991				Page 10 of	13 Pages				Exhibit R-2A (Pl	E 0207028F)

RDT&E BUDGET ITEM JUSTIFICATI	RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)										DATE June 2001				
BUDGET ACTIVITY 07 - Operational System Development				ND TITLE Joint	Exped	itiona	ry For	ce Ex	perime	ent	PRO. 499	JECT) 1			
(U) E. Schedule Profile Continued		FV	<u> 2000</u>			FV '	2001			FY 2	2002				
	1	2	<u>2000</u> 3	4	1	2	<u>2001</u> 3	4	1	<u>F1 2</u> 2	3	4			
 (U) Event Planning (U) Conduct SIAP Interoperability Event (U) Implement JDEP connectivity at Hanscom and other Air Force sites. (U) Conduct PAC3 IOT&E (Extended) (U) Conduct TACMEMO Interoperability Event 									X	X	X X	X			
Project 4991	Page	e 11 of 13	Pages						Exhibit F	R-2A (PI	E 02070)28F)			

	RDT&E PROG	RAM ELE	MENT/P	ROJECT C	OST BR	EAKDO	WN (R-3)		DATE	June 200)1
	GET ACTIVITY Operational System	Developme	nt			R AND TITLE BF Joint E	Expedition	ary Force	Experim	nent	PROJECT 4991
(U)	A. Project Cost Breakdown	(\$ in Thousand	ds)								
(T.T)	G'. A .' .' 10						<u>FY 2</u>	<u>2000</u>	FY 20	<u>001</u>	FY 2002
(U)	Site Activation and Ops supp										1,500
(U)	Communication architectures		ineering suppo	rt							880
(U)	Existing JDEP support activi		amatian for IT	VED mama atabla any	inonmont						600 295
(U)	Development of systems arch Experiment implementation a			EP repeatable env	ironment						295 825
(U)	Development of a simulation	• •	-	DED ovents							527
(U) (U)	Total	/sumulation env	monnient for J	DEF events							4,627
` ′											4,027
(U)	B. Budget Acquisition Histo	ory and Plannin	g Information	n (\$ in Thousands	<u>s)</u>						
(U)	Performing Organizations:										
	Contractor or	Contract									
	Government	Method/Type	Award or	Performing	Project						
	Performing	or Funding	Obligation	<u>Activity</u>	Office	Total Prior	Budget	Budget	Budget	Budget to	<u>Total</u>
	Activity	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	to FY 2000	FY 2000	FY 2001	FY 2002	<u>Complete</u>	<u>Program</u>
	Product Development Organi										
	Support and Management Or										
	Site 1	Boeing	1 Oct 01	N/A	N/A	0	0	0	600	Continuing	TBD
	Site 2 (ESC)	MITRE	1 Oct 01	N/A	N/A	0	0	0	150	Continuing	
	Site 2 (ESC)	ITSP	1 Oct 01	N/A	N/A	0	0	0	350	Continuing	
	Site 3	TBD	1 Oct 01	N/A	N/A	0	0	0	500	Continuing	
	Site 4	TBD	1 Oct 01	N/A	N/A	0	0	0	500	Continuing	
	ESC	MITRE	1 Oct 01	N/A	N/A	0	0	0	660	Continuing	
	ESC	ITSP	1 Oct 01	N/A	N/A	0	0	0	600	Continuing	
	ESC	IDIQ	1 Oct 01	N/A	N/A	0	0	0	480	Continuing	
	ESC	TRW	1 Dec 01	N/A	N/A	0	0	0	150	Continuing	TBD
	ESC	TBD	1 Dec 01	N/A	N/A	0	0	0	160	Continuing	TBD
	ESC	Raytheon	1 Oct 01	N/A	N/A	0	0	0	100	Continuing	TBD
	ESC	TBD	TBD	N/A	N/A	0	0	0	377	Continuing	TBD
ח	roject 4991			Daga	12 of 12 Dag	200			Evhil	oit D 2 (DE ()207029E\
۲	เบุษณ์ 499 เ			Page	12 of 13 Pag	es			EXNII	oit R-3 (PE (12010285)

RDT&E PROGRAM ELEMENT/PRO	DJECT COST BREAKDO	DATE June 2001				
BUDGET ACTIVITY 07 - Operational System Development	PE NUMBER AND TITLE 0207028F Joint E	Expedition	nary Force	Experim		PROJECT 4991
(U) Performing Organizations Continued: Test and Evaluation Organizations Subtotals Subtotal Product Development Subtotal Support and Management Subtotal Test and Evaluation Total Project	Total Prior to FY 2000 0 0	Budget FY 2000 0 0	Budget FY 2001 0 0	Budget FY 2002 4,627 4,627	Budget to Complete TBD TBD	TBD
Project 4991	Page 13 of 13 Pages			Exhib	it R-3 (PE 0	207028F)