ARMY RDT&E BUDGET ITI	EM JUS	STIFIC	ATION	(R2 E	xhibit)		F	ebruary 2	2005	
BUDGET ACTIVITY 5 - System Development and Demonstration	on	(e number 0604□41 <i>I</i> Eng			ommand	I, Contro	l and Int	el -	
COST (In Thousands)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	27974	26343	29012	21028	21046	20320	23543	30536	Continuing	0
126 FAAD C2 ED	14827	13738	15799	10114	9881	9894	11858	15612	Continuing	0
146 AIR & MSL DEFENSE PLANNING CONTROL	13147	12605	13213	10914	11165	10426	11685	14924	Continuing	0

A. Mission Description and Budget Item Justification: The Air and Missile Defense Planning and Control System (AMDPCS) is an Army Objective Force System with Homeland Defense capabilities that allows for the integration of Air and Missile Defense (AMD)operations for Air Defense Artillery (ADA) Brigades at Corps and Echelons above Corps (EAC), the Army Air and Missile Defense Command (AAMDC) Headquarters, at Army, Joint, or Coalition level forces.

The Forward Area Air Defense Command, Control, and Intelligence (FAAD C2I) System provides continuously tailored situational awareness and situational understanding of the battlespace (including data on threat aircraft, cruise missiles and unmanned aerial vehicles (UAVs) to support the planning and decision process at various levels of command. The mission is to collect, digitally process and disseminate real time target cueing and tracking information, common tactical air picture, and C2I information to all Short Range Air Defense (SHORAD) weapons (Avenger, Bradley Linebacker, Manportable Air Defense System (MANPADS), joint and combined arms). Unique FAAD C2 software will provide this mission capability by integrating FAAD C2 engagement operations software with the Joint Digital Radio (JDR), Single Channel Ground and Airborne Radio System (SINCGARS), Enhanced Position Location Reporting System (EPLRS), Global Positioning System (GPS), Airborne Warning and Control System (AWACS), Sentinel and the Army Battle Command System (ABCS) architecture. Provides joint C2 interoperability and horizontal integration with PATRIOT, THAAD, MEADS, JLENS and SHORAD weapon systems by fusing sensor data to create a scalable and filterable single integrated air picture (SIAP) and common operating picture (COP) at Army divisions and below. System software will provide target data and engagement commands/status to the Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM) air defense system. A small portion of RDTE funding is dedicated to SLAMRAAM C2 threshold requirements. FAAD C2 is the first system to digitize for Army Transformation in the First Digitized Division (FDD), III (Digitized) Corps, the Joint Contingency Force (JCF) and the STRYKER Brigade Combat Teams (SBCTs). The FAAD C2 netted and distributed system architecture has been briefed as the basis for a potential BM/C4I Future Combat Ssytem (FCS).

AMDPCS is the backbone of Army Air Defense, operating through the Battle Management/Command, Control, Communications, Computers, and Intelligence (BM/C4I), and the common tactical and operational air picture, (2) Air Defense System Integrator (ADSI), a communications data link processor and display system, provides real time joint airspace situational awareness and fire direction Command and Control (C2) for AMD, and (3) shelter configurations using computer hardware and tactical communications equipment (e.g., JTIDS 2M Terminals, Commanders Tactical Terminal). The AMDPCS enables Active, Passive and Attack Operations coordination and a correlated single integrated air picture (SIAP) to Army AMD and Joint Forces. The AMDPCS provides the Army Battle Command System (ABCS) architecture and the Army AMD Task Forces (AMDTF) with Joint BM/C4I capability and the Army component of

SYS (AMC PCS)

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2005

BUDGET ACTIVITY

5 - System Development and Demonstration

PE NUMBER AND TITLE

0604□41A - Air Defense Command, Control and Intel -

Eng

interoperabile Joint Theater Air and Missile Defense (JTAMD) BM/C4I.

In addition, the AMDWS supports the Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM) air defense system by providing an automated defense planning capability for deployed units.

B. Program Change Summary	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2005)	27376	29948	21308
Current Budget (FY 2006/2007 PB)	26343	29012	21028
Total Adjustments	-1033	-936	-280
Net of Program/Database Changes			
Congressional Program Reductions	-345		
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-688		
Adjustments to Budget Years		-936	-280

FY06/07 funding moved to higher Army requirements

ARMY RDT&E BUDGET ITE	EM JUS	STIFIC	ATION	(R2a l	Exhibi	t)	Fe	ebruary 2	2005	
BUDGET ACTIVITY 5 - System Development and Demonstratio	n	1	PE NUMBER 0604□41 <i>A</i> Intel - En	A - Air De		ommand	l, Contro	l and	PROJECT 126	
COST (In Thousands)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
126 FAAD C2 ED	14827			10114	9881	9894	11858		Continuing	0

A. Mission Description and Budget Item Justification: The Forward Area Air Defense Command and Control (FAAD C2) System provides continuously tailored situational awareness and situational understanding of the battlespace (including data on threat aircraft, cruise missiles and unmanned aerial vehicles) to support the air defense planning and decision process at various levels of command. The FAAD C2 mission is to collect, digitally process and disseminate real time target cueing and tracking information, the common tactical air picture, and C2 information to all Maneuver Air and Missile Defense (MAMD) weapons (e.g. - Avenger, Man-Portable Air Defense System, joint and combined arms systems) and to the Air Defense Airspace Management (ADAM) Cells that are being fielded to Brigade Combat Teams (BCTs), UAs, and UExs. Dynamic FAAD C2 software provides this mission capability by integrating FAAD C2 engagement operations software with the Multifunctional Information Distribution System (MIDS), the Joint Tactical Terminal (JTT), the Global Positioning System (GPS), the Airborne Warning and Control Systems (AWACS), the evolving Joint Tactical Radio System (JTRS). FAAD C2 inputs data to the Army Battle Command System (ABCS) via the Air and Missile Defense Workstation (AMDWS), and is expanding linkage to the Net-centric architecture. By integrating with ABCS, FAAD C2 is able to provide the detailed local air picture to higher echelon Army Air Defense, joint and interagency forces. The FAAD C2 system provides joint C2 interoperability and horizontal integration with PATRIOT, THAAD, MEADS, and JLENS by fusing sensor data to create a scalable and filterable single integrated air picture (SIAP) for joint services and the common tactical air picture at the UEx and UA. The FAAD C2 software is also able to provide target data and engagement commands/status to the Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM) air defense system. The netted and distributed system architecture fielded with FAAD has been brie

FAAD C2 software, which has been integrated into the NORAD Architecture, is the principal Army air defense system deployed in support of the Homeland Security Program in the National Capital Region and other locations. In support of the Global War on Terrorism, FAAD C2 systems are in MAMD units and ADAM Cells deployed to Iraq and Afghanistan. These FAAD systems are critical in providing the local air picture to supported units and higher headquarters. FAAD C2 is also the integrating software that provides target track data and weapon system control for the initial Counter-Rocket, Artillery and Mortar (C-RAM) capability being deployed to Iraq in FY05.

Item No. 101 Page 3 of 17

631

0604741A (126) FAAD C2 ED Exhibit R-2A Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2005

BUDGET ACTIVITY

5 - System Development and Demonstration

PE NUMBER AND TITLE

PROJECT

0604□41A - Air Defense Command, Control and

126

Intel - Eng

Accomplishments/Planned Program	FY 2004	FY 2005	FY 2006	FY 2007
Continue FAAD C2 Block III software development and engineering, including external Beyond Visual Range Engagements (BVRE), SINCGARS Data Looping, IFF/SIF Mode 5/S development, and SIAP Block 0 & 1 implementation. Software is being fielded to active and reserve component MAMB Battalions, to units in support of Homeland Defense, and to ADAM Cells deployed in support of OIF/OEF.	14827	8257	9528	813
Support of FAAD C2 software development for the new AMD Composite Battalions; unique software enhancements in support of Homeland Defense, and security accreditation upgrades. As a complementary Future Combat System (FCS), continue FAADC2 integration and interoperability with FCS Mission Applications. Consistent with DA and DoD Guidance, migrate FAAD C2 Engagement Operations software modules to the Joint Command and Control (JC2) Mission Capability Packages (MCPs).	0	5481	6271	3151
Initiate FAAD C2 Block IV software development and engineering, including Objective BVRE capabilities (e.g. Forward Pass, Engage on Remote), Air Battle Management Control Measures, training software upgrades, further integration and improvement for AMD Composite Battalion engagement operations and interoperability (component of Air and Space Missile Defense System of Systems.)	0	0	0	6150
Totals	14827	13738	15799	10114

0604741A (126) FAAD C2 ED Item No. 101 Page 4 of 17 632

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit) February 2005 BUDGET ACTIVITY PE NUMBER AND TITLE PROJECT 5 - System Development and Demonstration 0604 41A - Air Defense Command, Control and 126 Intel - Eng FY 2004 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 **B. Other Program Funding Summary** To Compl Total Cost 12615 OPA 2, AD5050 - FAAD C2 24645 26108 31655 28305 30762 32846 34903 Continuing Continuing Spares (BS9702) - FAAD C2 734 716 877 895 0 Continuing Continuing

C. Acquisition Strategy: The acquisition strategy relies heavily on non-development items (NDI) and evolutionary software development to rapidly meet the demands of air defense battle management/command, control, communications, computers, and intelligence (BM/C4I) requirements, and to keep pace with automated information technologies. The concept of evolutionary software development is being followed and will be accomplished in Blocks I, II, III and IV. Blocks I and II have been completed. FAAD C2 Block III is currently being developed for both the Army's Active and Reserve components.

0604741A (126) Item No. 101 Page 5 of 17 Exhibit R-2A FAAD C2 ED Budget Item Justification

ARMY RDT&E COST ANALYSIS(R3)

February 2005

BUDGET ACTIVITY 5 - System Development and Demonstration

PROJECT

126

- Eng

I. Product Development	Contract Method &	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award	FY 2006 Cost	FY 2006 Award	FY 2007 Cost	FY 2007 Award	Cost To Complete		Targe Value o
a . Northrop	Type C/CPIF	Carson, CA	176461	0	Date	0	Date	0	Date	0	176461	Contrac (
Grumman/TRW, BLK I												
b . Northrop Grumman/TRW, BLK II	SS/CPIF	Carson, CA	32206	0		0		0		0	32206	С
c . Northrop Grumman/TRW, BLK III	SS/CPIF	Carson, CA	80975	9535	1Q	10963	1Q	813	1Q	Continue	102286	O
d . Northrop Grumman/TRW, BLK IV	SS/CPIF	Carson, CA	0	0		0		5794	1Q	Continue	5794	0
e . Northrop Grumman/TRW	SS/T&M	Carson, CA	7517	321	1Q	357	1Q	234	1Q	Continue	Continue	0
f . Program Management Administration	MIPR	Various	27219	2301	2Q	2637	2Q	2033	2Q	Continue	34190	0
g . Sentinel GBS	MIPR	Huntsville, AL	3791	0		0		0		0	3791	0
h . JTIDS	MIPR	Ft. Monmouth, NJ	6000	0		0		0		Continue	Continue	0
i . ABCS SE&I	MIPR	Ft Monmouth, NJ	346	0		0		0		0	346	0
j . Software Engineering	Various	Various	13799	1294	1-4Q	1523		1018		Continue	17634	0

0604741A (126) FAAD C2 ED

Item No. 101 Page 6 of 17 634

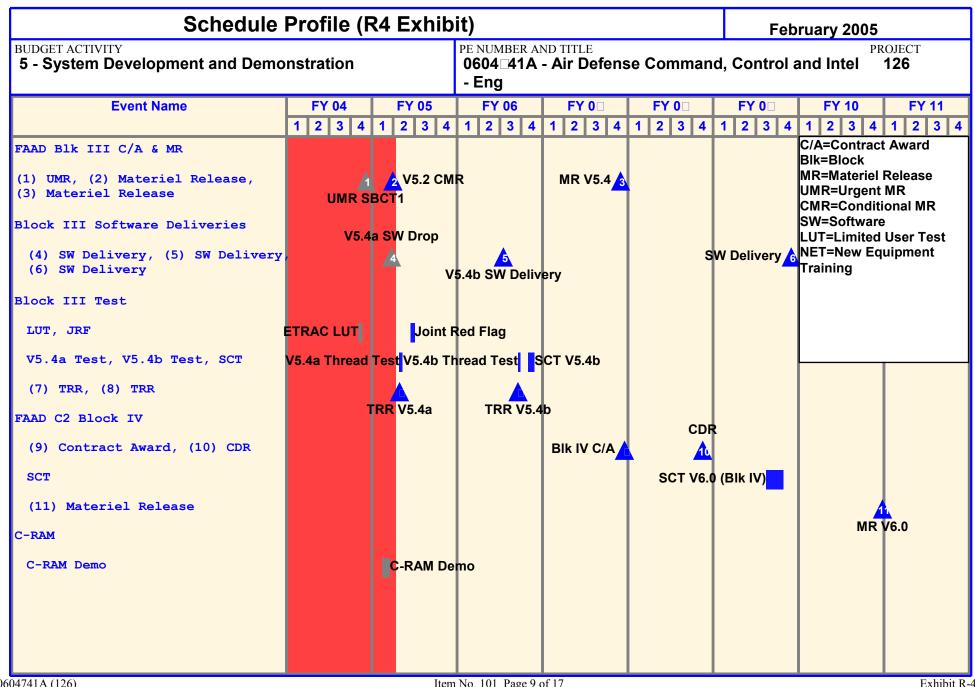
BUDGET ACTIVITY 5 - System Develo		Y RDT&E CO		PE N	UMBER AN:)4 □ 41A -		nse Com	nmand,		oruary 20 and Inte	PROJEC	
I. Product Development (continued)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Complete		Targe Value o Contrac
Subtotal:			348314	13451		15480		9892		Continue	Continue	(
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Complete		Targe Value o Contrac
Subtotal:			0	0		0		0		0	0	(
II. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Complete	Cost	Targe Value c Contrac
a . ADATD	MIPR	Ft Bliss, TX	10166	91		100		81		Continue		
b. RTTC	MIPR	WSMR, NM	2710	196		219		141		Continue	Continue	
Subtotal:			12876	287		319		222		Continue	Continue	(

0604741A (126) FAAD C2 ED Item No. 101 Page 7 of 17 635

			OI AII	AL I SI	S(R3)				Feb	ruary 200	05	
BUDGET ACTIVITY 5 - System Developm	ent and	Demonstration					nse Com	mand, C	Control a	and Intel	PROJEC 126	T
Me	ontract ethod & ype	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Targe Value o Contrac
Subtotal:			0	0		0		0		0	0	

 0604741A (126)
 Item No. 101 Page 8 of 17
 Exhibit R-3

 FAAD C2 ED
 636
 Cost Analysis



0604741A (126) FAAD C2 ED

Item No. 101 Page 9 of 17

Budget Item Justification

Schedule Detail (R4	a Exhib	it)					Febru	ary 2005	;
BUDGET ACTIVITY 5 - System Development and Demonstration PENUMBER AND TITLE 0604□41A - Air Defense Command, Control and Intel - Eng									
Schedule Detail	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
Materiel Releases	4Q	1Q		4Q				1Q	
Software Deliveries		2Q	3Q			4Q			
Testing	4Q	1-3Q	3Q			3Q			
Test Readiness Reviews		2Q	3Q						
Critical Design Review					4Q				
Contract Award				4Q					
C-RAM Demo/Test		1Q							

0604741A (126) FAAD C2 ED Item No. 101 Page 10 of 17 638

	ARMY RDT&E BUDGET ITE	EM JUS	STIFIC	ATION	(R2 a l	Exhibi	t)	Fe	ebruary :	2005	
	ACTIVITY tem Development and Demonstratio	n	(PE NUMBER 0604⊡41 <i>I</i> Intel - En	A - Air De		ommand	l, Contro	l and	PROJECT 146	
	COST (In Thousands)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
146	AIR & MSL DEFENSE PLANNING CONTROL SYS (AMC PCS)	13147	12605	13213	10914	11165	10426	11685	14924	Continuing	0

A. Mission Description and Budget Item Justification: The Air and Missile Defense Planning and Control System (AMDPCS) is an Army Objective Force System with Homeland Defense capabilities that provides the integration of Air and Missile Defense (AMD) operations at Air Defense Artillery (ADA) brigades, Army Air and Missile Defense Commands (AAMDC), and Air Defense and Airspace Management (ADAM) Cells at the UExs and UAs. The development of ADAM Cells is essential in fulfilling the Army's Modularity requirement, and provides air defense interoperability with Joint, multinational and coalition forces. AMDPCS components are also vital to the transformation of ADA units and the activation of the AMD Composite Battalions. AMDPCS, which is the backbone of the Army Air Defense through the Battle Management/Command, Control, Communications, Computers, and Intelligence (BM/C4I) capability, has three major components:

- (1) Air and Missile Defense Workstation (AMDWS), an automated mission (defense and staff) planning and situational awareness tool that provides the common tactical and operational air picture. AMDWS provides the Army Battle Command System (ABCS) with the air component of the Common Tactical Picture at the UA, UEx and UEy, and is the Net-centric interface for all components of the AMD force into ABCS. AMDWS also provides the interoperability link to multinational air defense forces IAW Annex C to a Joint US/NATO Air Defense Agreement;
- (2) Air Defense System Integrator (ADSI), a communications data link processor and display system that provides near-real time joint airspace situational awareness and fire direction command and control for Air and Missile Defense (AMD); and
- (3) Army Air Defense shelter configurations using automated data processing equipment, tactical communications (e.g. Multifunctional Information Distribution System (MIDS), Joint Tactical Terminal (JTT)), Common Hardware Systems, standard vehicles and tactical power). The AMDPCS provides AMD unit commanders and staffs, and the AMD staffs at the UExs and UAs, with the capabilities to plan missions, direct forces, and control the airspace.

In support of the Global War on Terrorism (GWOT), AMDWS and ADSIs are vital components of the AMDPCS shelter systems fielded to ADA units, the AAMDC and ADAM Cells that have deployed to Iraq and Afghanistan. In addition, these components have also been integrated into non-ADA higher headquarters such as the Coalition Forces Land Component Command (CFLCC). AMDWS is a critical component in the integration and fielding of a Counter-Rocket, Artillery and Mortar (C-RAM) capability to Operating Bases in Iraq and elsewhere. In support of Homeland Defense missions, the AMDWS has been integrated as the Force Operations component into the Joint Service/Air Force architecture. These AMDPCS systems provide the common tactical air picture, a major component of the Common Operating Picture (COP), and are critical to the development and planning of offensive and defensive operations.

Item No. 101 Page 11 of 17

639

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2005

BUDGET ACTIVITY

5 - System Development and Demonstration

PE NUMBER AND TITLE

PROJECT

0604□41A - Air Defense Command, Control and

146

Intel - Eng

Accomplishments/Planned Program Continue AMDWS development in support of ABCS 6.4 operational testing and release. Complete AMDWS software engineering and development consistent with Software Block II and III requirements, evolving the air and missile defense planning and control requirements to a net-centric environment, and fulfilling the air defense force operations capabilities identified in the AMD "1 to n" requirements list. Continue AMDWS software development and rehost onto emerging light/laptop common hardware computers. Complete integration of the PATRIOT Air Defense system Tactical Planner, and initiate development of SLAMRAAM and MEADS Tactical Planners. Continue supporting the Air Force Joint Tactical Air and Missile Defense (JTAMD), and support the evolving development of the Force Operations portion of the Air and Space Missile Defense (ASMD) System of Systems. As a complementary Future Combat System (FCS), initiate AMDWS integration and interoperability with FCS command and control system development. Begin migration of AMDWS software modules to the Joint Command and Control (JC2) Mission Capability Packages (MCPs).	FY 2004 13147	FY 2005 6948	FY 2006 7410	FY 2007 6179
Continue ADSI software engineering and development in software versions 13 and 14, including JRE 3011 implementation, development of a Common Message Format Interface Implementation, the Single Integrated Air Picture (SAIP), JTRS interfaces, and evolution to a net-centric environment.	0	1814	1873	1543
Continue software system certification testing, accreditation, and approval of Authority-to-Operate for the various software systems; continue Army and Joint integration and interoperability assessments.	0	1077	1125	889
Continue engineering, development, test and evaluation of the AMDPCS shelter subsystem Objective configurations; continue evaluation and definitization of the AMDPCS tactical communications, data processing and vehicle/shelter/power generation/environmental system block upgrade program for fielded systems.	0	2766	2805	2303
ABCS SE&I	0	0	0	0
Totals	13147	12605	13213	10914

Item No. 101 Page 12 of 17

640

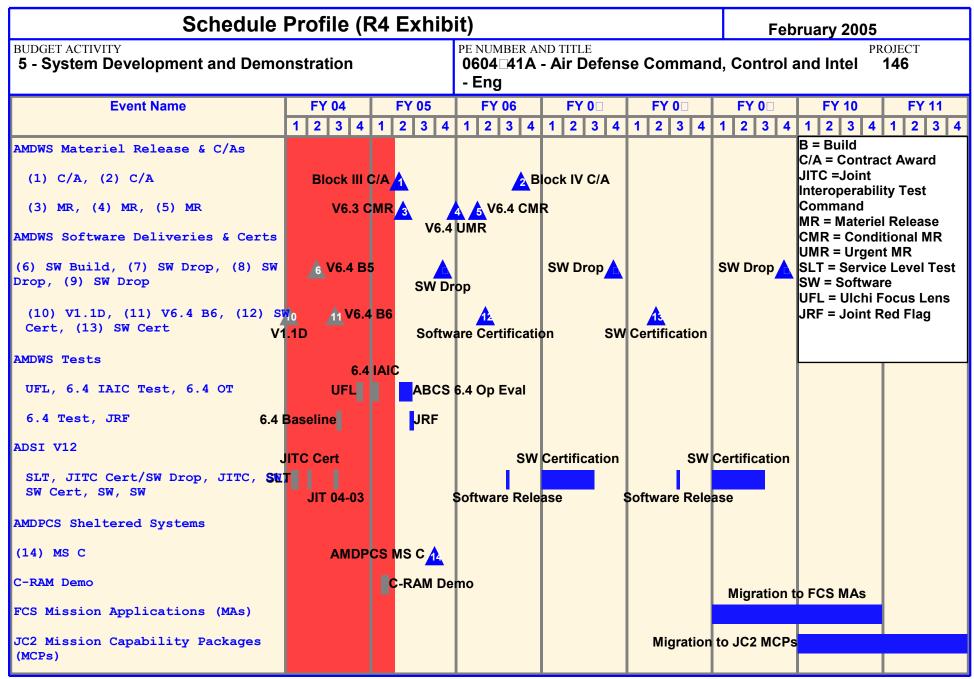
ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit) February 2005 PE NUMBER AND TITLE BUDGET ACTIVITY PROJECT 5 - System Development and Demonstration 0604 41A - Air Defense Command, Control and 146 Intel - Eng To Compl Total Cost FY 2004 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 **B. Other Program Funding Summary** OPA, AD 5070 - AMDPCS 8613 6272 3668 10934 11143 16289 65078 14392 Continuing Continuing

C. Acquisition Strategy: The acquisition strategy relies on non-development items (NDI) and evolutionary software development to rapidly meet the demands of air defense battle management command, control, communications, computers, and intelligence (BM/C4I) requirements and to keep pace with automated information technologies. The concept of evolutionary software development will be accomplished in a series of AMDWS and ADSI Block releases and upgrades. AMDPCS is being developed for both the Army's Active and Reserve components.

Item No. 101 Page 13 of 17

ARMY RDT&E COST ANALYSIS(R3) February 2005 BUDGET ACTIVITY PE NUMBER AND TITLE PROJECT 5 - System Development and Demonstration 0604 □ 41A - Air Defense Command, Control and Intel 146 - Eng I. Product Development Contract Performing Activity & Total FY 2005 FY 2005 FY 2006 FY 2006 FY 2007 FY 2007 Cost To Total Target Method & Location PYs Cost Cost Cost Complete Cost Value of Award Award Cost Award Type Date Date Date Contract a . Northrop SS/CPIF Huntsville, AL 27557 6756 1Q 7108 1Q 5860 1Q Continue 47281 0 Grumman/TRW b. APC, ADSI SS/CPIF Austin, TX 4626 379 1Q 361 1Q 274 Continue Continue 0 c . Program Management Various 14879 3954 2Q 4095 2Q 3603 2Q Continue 26531 0 Various Administration d. ABCS SE&I **MIPR** Ft Monmouth, NJ 619 0 0 0 619 0 e . Software Engineering 1253 2-3Q 2-3Q Continue 7006 0 Various Various 3321 1392 2-3Q 1040 12342 Continue Continue 0 51002 12956 10777 Subtotal: FY 2005 FY 2005 FY 2006 FY 2006 FY 2007 FY 2007 Cost To Target II. Support Cost Contract Performing Activity & Total Total Method & Location PYs Cost Cost Award Cost Award Cost Award Complete Cost Value of Type Date Date Date Contract 0 0 0 0 0 Subtotal:

	ARIVI	Y RDT&E CO	SI AN		<u> </u>				Feb	ruary 20		
BUDGET ACTIVITY 5 - System Develop	oment and	d Demonstration					nse Com	ımand, (Control a	and Inte	PROJEC I 146	T .
II. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Targ Value Contra
a . Certification	MIPR	JITC, Ft Huachuca, AZ	432	85	1Q	81	1Q	49	1Q	Continue	Continue	
b . Interoperability Assessment	MIPR	Various	618	178	1Q	176	1Q	88	1Q	Continue	Continue	
Subtotal:			1050	263		257		137		Continue	Continue	
Subtotal: V. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	263 FY 2005 Cost	FY 2005 Award Date	257 FY 2006 Cost	FY 2006 Award Date	137 FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total	Targi Value (Contra
	Method &		Total	FY 2005	Award	FY 2006	Award	FY 2007	Award	Cost To Complete	Total	Value
V. Management Services	Method &		Total PYs Cost	FY 2005 Cost	Award	FY 2006 Cost	Award	FY 2007 Cost	Award	Cost To Complete	Total Cost	Targo Value o



Schedule Detail (R4	la Exhib	it)					Februa	ary 2005	5
BUDGET ACTIVITY 5 - System Development and Demonstration			ER AND TIT 1A - Air		and, Co	PROJE I, Control and Intel 146			
Schedule Detail_	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
Materiel Release-AMDWS		2Q	1-2Q						
Software Deliveries-AMDWS	1-3Q	4Q		4Q		4Q			
Software Certification-AMDWS			2Q		2Q				
Testing-AMDWS	3-4Q	1-3Q							
Testing ADSI	1-3Q		4Q		4Q				
Software Certification-ADSI	2Q			1-3Q		1-3Q			
Software Drops-ADSI	2Q		3Q		3Q				
Contract Awards		2Q	4Q						
MS C- AMDPCS		4Q							
C-RAM		1Q							
Mission Applications						1Q	4Q		
Mission Capability Packages							1Q	4Q	