CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification						DATE:		
							Februai	ry 2005
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMEN	ICLATURE		-
RESEARCH DEVELOPMENT TEST & EVALUATION	ION, NAVY /	BA-7			0204152N, E-2 Sc	uadrons		
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost	18.863	18.576	2.256	1.540	1.575	1.590	1.616	1.656
0463 - (E-2C Improvements)	8.546	6.000	2.256	1.540	1.575	1.590	1.616	1.656
9417 - (E-2C Program Support Activity)	0.962							
9418 - (E-2C Program Support Activity)	3.378	** 2.077						
9419 - (Non-Cooperative Combat Identification)	* 1.640	** 1.684						
9420 - (PMRF Net Centric Bed/Adv. Haw.)	4.337	** 5.053						
9615 - (Airborne Data Terminal Set)		** 2.772						
9616 - (Magneto Rheological Shock Engine Mount)		** 0.990						

**The FY 2005 budget reflects the following Congressional adds: \$2.1M for E-2C Program Support Activity (PSA)/E-2C Hawkeye Propeller Safety and Relaibility which has been revised by \$.022 for Congressional Undistributed Adjustments, and .001 for Nuclear Physical Scurity; \$1.7M for Non-Cooperative Combat Identification Capability which has been revised by \$.016 for Congressional Undistributed Adjustments; \$5.1M for PMRF Net-Centric Test Bed/Advanced Hawkeye (AHE) Testing which has been revised by \$.046 for Congressional Undistributed Adjustments, and .001 for Nuclear Physical Scurity; \$2.8M for Airborne Data Terminal Set which has been revised by \$.027 for Congressional Undistributed Adjustments, and .001 for Nuclear Physical Scurity; and \$1.0M for Magneto Rheological Shock Engine Mount which has been revised by \$.010 for Congressional Undistributed Adjustments.

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

E-2C Improvements provides pre-planned product improvements for the evolution of E-2C airborne warning system capabilities in support of naval warfare command and control requirements. It has previously funded developments for the modification replacement of selected weapon replaceable assemblies of current installed subsystems. The program developed a Mission Computer Upgrade (MCU), applying on-going developments in data processing and target detection, which will relieve current bottlenecks in signal and data processing. The MCU serves as a foundation for growth to provide additional functional capabilities to satisfy evolving operational requirements, e.g., Cooperative Engagement Capability (CEC), Satellite Communications (SATCOMS), and permits the evolutionary growth of a Combat Identification and Theater Air and Missile Defense (TAMD) Capability as well as Airborne Battle Management and Command and Control (BMC2) capability.

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^{*} The FY 2004 budget reflects the following Congressional adds: \$1.0M for E-2C Program Support Activity (PSA) which has been revised by \$.011 for Congressional Undistributed Adjustments, .026 for FY 2004 SBIR adjustments and .001 for Economic Assumptions; \$3.5M for E-2C PSA (SBIR Phase III) which has been revised by \$.039 for Congressional Undistributed Adjustments, .080 for FY 2004 SBIR adjustments and .003 for Economic Assumptions; \$1.7M for Non-Cooperative Combat Identification Capability which has been revised by \$.018 for Congressional Undistributed Adjustments, .040 for FY 2004 SBIR adjustments and .002 for Economic Assumptions; and \$4.5M for PMRF Net-Centric Test Bed/Advanced Hawkeye (AHE) Testing which has been revised by \$.050 for Congressional Undistributed Adjustments, .109 for FY 2004 SBIR adjustments and .004 for Economic Assumptions.

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification	D	ATE:
		February 2005
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-7	0204152N, E-2 Squadrons	
FY2005-2011: Funding provides for evaluation of technology for new emergent systems and subsystems. This the context of emerging missions and requirements including Theater Air and Missile Defense, Ballistic Missile Defe identification, multi-source integration, Airborne Battlefield Command and Control (ABC2), and Single Integrated Air upon the following areas: participation in exercises to assess capabilities against emerging threats; identify deficient demonstrations of the identified technologies.	s initiative allows for data collection ense, littoral warfare, combat idea r Picture (SIAP) as well as parts	ntification including specific emitter and system obsolescence. Emphasis will be

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UNCLASSIFIED

Exhibit R-2, RDTEN Budget Item Justification (Exhibit R-2, page 2 of 14)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:	
							Februa	ry 2005
APPROPRIATION/BUDGET ACTIVITY PROGRAM ELEMENT NUMBER AND NAME PROJECT NUMBER AND NAME								
RDT&E, N / BA-7	0204152N, E-2 Squadrons 0463, E-2C IMPROVEMENTS							
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost	* 18.863	** 18.576	2.256	1.540	1.575	1.590	1.616	1.656
RDT&E Articles Qty								

*The FY 2004 budget reflects the following Congressional adds: \$1.0M for E-2C Program Support Activity (PSA) which has been revised by \$.011 for Congressional Undistributed Adjustments, .026 for FY 2004 SBIR adjustments and .001 for Economic Assumptions; \$3.5M for E-2C PSA (SBIR Phase III) which has been revised by \$.039 for Congressional Undistributed Adjustments, .080 for FY 2004 SBIR adjustments and .003 for Economic Assumptions; \$1.7M for Non-Cooperative Combat Identification Capability which has been revised by \$.018 for Congressional Undistributed Adjustments, .040 for FY 2004 SBIR adjustments and .002 for Economic Assumptions; and \$4.5M for PMRF Net-Centric Test Bed/Advanced Hawkeye (AHE) Testing which has been revised by \$.050 for Congressional Undistributed Adjustments, .109 for FY 2004 SBIR adjustments and .004 for Economic Assumptions.

**The FY 2005 budget reflects the following Congressional adds: \$2.1M for E-2C Program Support Activity (PSA)/E-2C Hawkeye Propeller Safety and Relaibility which has been revised by \$.022 for Congressional Undistributed Adjustments, and .001 for Nuclear Physical Scurity; \$1.7M for Non-Cooperative Combat Identification Capability which has been revised by \$.016 for Congressional Undistributed Adjustments; \$5.1M for PMRF Net-Centric Test Bed/Advanced Hawkeye (AHE) Testing which has been revised by \$.046 for Congressional Undistributed Adjustments, and .001 for Nuclear Physical Scurity; \$2.8M for Airborne Data Terminal Set which has been revised by \$.027 for Congressional Undistributed Adjustments, and .001 for Nuclear Physical Scurity; and \$1.0M for Magneto Rheological Shock Engine Mount which has been revised by \$.010 for Congressional Undistributed Adjustments.

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

E-2C Improvements provides pre-planned product improvements for the evolution of E-2C airborne warning system capabilities in support of naval warfare command and control requirements. It has previously funded developments for the modification replacement of selected weapon replaceable assemblies of current installed subsystems. The program developed a Mission Computer Upgrade (MCU), applying on-going developments in data processing and target detection, which will relieve current bottlenecks in signal and data processing. The MCU serves as a foundation for growth to provide additional functional capabilities to satisfy evolving operational requirements, e.g., Cooperative Engagement Capability (CEC), Satellite Communications (SATCOMS), and permits the evolutionary growth of a Combat Identification and Theater Air and Missile Defense (TAMD) Capability as well as Airborne Battle Management and Command and Control (BMC2) capability.

Funding provides for evaluation of technology for new emergent systems and subsystems. This initiative allows for data collection and the evaluation of new technologies in the context of emerging missions and requirements including Theater Air and Missile Defense, Ballistic Missile Defense, littoral warfare, combat identification including specific emitter identification, multi-source integration, Airborne Battlefield Command and Control (ABC2), and Single Integrated Air Picture (SIAP) as well as parts and system obsolescence. Emphasis will be upon the following areas: participation in exercises to assess capabilities against emerging threats; identify deficiencies, identification of candidate solutions; and ground/airborne demonstrations of the identified technologies.

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:	
				February 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	AME	
RDT&E, N / BA-7	0204152N, E-2 Squadrons	0463, E-2C IMPROVEMENT	S	

B. Accomplishments/Planned Program

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.850			
RDT&E Articles Quantity				

Multi-Source Integration (MSI) Phase I

Conducted integration and testing with updated Multi-mode Advanced Tactical Terminal (MATT) Block 3 hardware to support fleet release in FY 2005.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	1.219	0.950	0.950	0.579
RDT&E Articles Quantity				

Multi-Source Integration (MSI) Phase II

Developed software applications to facilitate incorporation of new technologies such as MSI in existing E-2C operational Flight Program (OFP). Produced hardware-in-the-loop data sets, performance measures, and data analysis tools in support of MSI Ph II. FY 2005-2007 will fund software architecture analysis and design for incorporation of diverse applications in the E-2 Weapon System, including MSI, Combat ID, and Distributed Weapons Coordination. Fund all-source data fusion in the E-2 including radar, identification Friend or Foe (IFF), Electronic Surveillance (ES), Link 16, Link 11, and Cooperative Engagement Capability (CEC). Fund requirements analysis for development of integrated communication system architecture to support advanced sensor networking. Fund Fleet Battle Group interoperatibility testing and evaluation for the E-2.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.046			
RDT&E Articles Quantity				

Integrated Processor Architecture Development

Analyzed technology options for improving mission computer integrated processor architecture. Conducted laboratory demonstration of candidate mission computer processor solution.

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Exhibit R-2a, RDTEN Project Justification (Exhibit R-2a, page 4 of 14)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			February 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	IAME
RDT&E, N / BA-7	0204152N, E-2 Squadrons	0463, E-2C IMPROVEMENT	TS

B. Accomplishments/Planned Program (Cont.)

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	2.003	0.200	0.200	0.200
RDT&E Articles Quantity				

Single Integrated Air Picture (SIAP) Block 0

Successfully completed Preliminary Design Review/Critical Design Review of SIAP Block 0 software implementation for fielding in 2005. Outyear funding will support testing and fielding of SIAP Block 0 software.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	3.928	3.621	1.106	0.761
RDT&E Articles Quantity				

Fund Airborne Battlefield Command and Control (ABC2)

Conducted demonstration of High Frequency Secret Internet Protocol Router Network (HF SIPRNet) capability and VRC-99 Joint Tactical Radio System Wideband Networking Waveform Prototype waveforms. Developed E-2 RAIDER for Digital Communications Suite capability to FA-18 strike aircraft. FY 2005-2007 funding will be used to conduct demonstration on E-2 airborne Network Centric Collaborative Targeting (NCCT) capability. Conduct demonstration of the Advanced Digital Networking Systems using the HF SIPRNET and VRC-99. Conduct airborne demonstration of advanced mission computer and communications technologies. Participate in the fleet experiments such as TRIDENT WARRIOR, TALISMAN SABER, and Joint Task Force Exercise. Conduct demonstration of advanced tactical laptop capability.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.500	1.229		
RDT&E Articles Quantity				

Air Operations Decision Support (AODS)

Developed software applications to automate the Air Tasking Order (ATO) and Airspace Control Order (ACO) to allow effective Command and Control of the Battlespace in cooperation with Office of Naval Research Knowledge Superiority Assurance Future Naval Capabilities. Conduct full data base development in FY 2005 to allow automated track Identification, and fusion of ATO/ACO information and conduct hardware/software development of automated update technologies for ATO, ACO, Special Instructions, Rules of Engagement, and all database information.

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Exhibit R-2a, RDTEN Project Justification (Exhibit R-2a, page 5 of 14)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:	
				February 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	IAME	
RDT&E, N / BA-7	0204152N, E-2 Squadrons	0463, E-2C IMPROVEMENT	rs	

B. Accomplishments/Planned Program (Cont.)

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.962			
RDT&E Articles Quantity				

Congressional Add for E-2C Program Support Activity (9417).

Completed ground testing and initiated flight test of a slide lateral engine mount design to improve vibration isolation capabilities.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	3.378	2.077		
RDT&E Articles Quantity				

Congressional Add for E-2C Program Support Activity (9418).

Supported integration of the Multi-purpose Transportable Middleware capability into the E-2C Hawkeye 2000 mission computer.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	1.640	1.684		
RDT&E Articles Quantity				

Congressional Add for Non-Cooperative Combat Identification Capability (E9419).

Supported concept development, system engineering, and system prototyping for an advanced non-cooperative identification system capability.

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PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUM	BER AND NAME	PROJECT NUMBER AND N	IAME	
DT&E, N / BA-7	0204152N, E-2 Squadrons		0463, E-2C IMPROVEMEN	ΓS	
Accomplishments/Planned Program (Cont.)	1				
, in the second	,				
	FY 04	FY 05	FY 06	FY 07	
	4.007	5.053			
Accomplishments/Effort/Subtotal Cost	4.337	5.055			

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		2.772		
RDT&E Articles Quantity				

Congressional Add for Airborne Data Terminal Set (DTS) (9615). Enhance the Advanced Hawkeye data communications capability.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost		0.990		
RDT&E Articles Quantity				

Congressional Add for Magneto Rheological (MR) Shock Engine Mount (9616).
Research, development and testing of an airworthy MR shock mount for the E-2C aircraft.

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CLASSIFICATION:

						February 2005
PROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER	AND NAME		PROJECT NUMBER AN	ID NAME	
DT&E, N / BA-7	0204152N, E-2 Squadrons			0463, E-2C IMPROVEN	ENTS	
C. PROGRAM CHANGE SUMMARY:						
Funding:	FY 04	FY 05	FY 06	FY 07		
Previous President's Budget:	19.331	6.055	2.155	1.579		
Current BES/President's Budget	18.863	18.576	2.256	1.540		
Total Adjustments	-0.468	12.521	0.101	-0.039		
Summary of Adjustments						
Congressional program reductions						
Congressional undistributed reductions		-0.175				
Congressional rescissions						
SBIR/STTR Transfer	-0.421					
Other Adjustments		-0.004	0.062	-0.068		
Economic Assumptions	-0.010		0.039	0.029		
Reprogrammings	-0.037					
Congressional increases		12.700				
Subtotal	-0.468	12.521	0.101	-0.039		

Schedule:

MSI PHI Deploy/AODS Deploy schedule changed due to Software System Configuration Set 05 (SCS 05) changes.

IPAD - Effort completed ahead of shedule.

ABC2 Dev - Additional effort to conduct demo of the Advanced Digital Networking System and conduct airborne demos.

MSI PHII FQT - Schedule changed due to Software System Configuration Set 07 (SCS 07) changes.

ABC2 HF SIPRNET Fleet Prototype schedule has changed due to aircraft availability.

JEFX 06 exercise has been added.

NCCT Demo name has been changed to Trident Warrior 05.

Technical:

Not Applicable.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification	tion	DATE:
		February 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-7	0204152N, E-2 Squadrons	0463, E-2C IMPROVEMENTS

D. OTHER PROGRAM FUNDING SUMMARY:

									То	Total
Line Item No. & Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Complete	Cost
APN-1/E-2C (LI# 14 & 15)	226.013	246.992	248.952	208.065						930.022
APN-5/E-2C (LI# 39)	49.791	15.066	13.654	9.401	9.379	8.633	8.855	9.078	495.321	619.178
APN-6/E-2C (LI# 57)	14.695	8.879	5.573	0.559						29.706

APN-1/APN-6 funding after FY07 is related to P.E. 0604234N, P.U. E3051, E-2 Advanced Hawkeye.

Related RDT&E

- (U) 0603658N (Ship Self Defense, CEC)
- (U) 0604234N Advanced Hawkeye

E. ACQUISITION STRATEGY:

Not Applicable

CLASSIFICATION:

									DATE:					
Exhibit R-3 Cost Analysis (p APPROPRIATION/BUDGET ACT	age 1)										February 200)5		
	IVITY		PROGRAM E				PROJECT NU							
RDT&E, N / BA-7	1 -	•	0204152N, E		1	1	0463, E-2C IN		ENTS					
Cost Categories	Method	Performing Activity & Location		Total PY s Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract	
Primary Hardware Dev - MCU	SS/CPIF	NGC, NY/FL		157.760								157.760	157.760	
Primary Hardware Dev - CEC	SS/CPFF	NGC, NY/FL		293.293								293.293	293.293	
Primary Hardware Dev.	Various	Various		5.765								5.765		
Primary Hardware Mod - ICR	SS/CPFF	NGC, NY/FL		1.766								1.766	1.766	
Primary Hardware	Various	Various		1.348								1.348	1	
Primary Hardware - SEI	SS/CPFF	NGS, NY		7.638								7.638	7.638	
Primary Hardware - MSI	Various	Various		1.467								1.467	•	
												0.000)	
Primary Hardware - ABC2	Various	Various		1.367	1.800	10/04	0.701	10/05	0.361	10/06		4.229)	
												0.000)	
Primary Hardware - AODS	TBD	Lockheed Marti	n		0.600	10/04						0.600	0.600	
												0.000)	
												0.000)	
												0.000)	
												0.000)	
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												0.000)	
												0.000		
												0.000		
												0.000		
												0.000)	
Subtotal Product Development				470.404	2.400)	0.701		0.361		0.000	473.866		
Remarks:														

CLASSIFICATION:

								DATE:				
Exhibit R-3 Cost Analysis (pag	e 1)									February 200	5	
APPROPRIATION/BUDGET ACTIVI	ITY	PROGRAM E	LEMENT			PROJECT NU	JMBER AND N	NAME				
RDT&E, N / BA-7		0204152N, E-	2 Squadrons			0463, E-2C IM	MPROVEMEN [®]	TS				
Cost Categories	Contract	Performing	Total		FY 05		FY 06		FY 07			
	Method	Activity &		FY 05	Award	FY 06	Award	FY 07	Award		Total	Target Value
	& Type	Location	Cost	Cost	Date	Cost	Date	Cost	Date	Complete	Cost	of Contract
Government Eng Spt - Various	WX/RC	NAWCAD, Pax River, MD	75.578	1.073	10/04	0.405	10/05	0.200	10/06	Continuing	Continuing	
Government Eng Spt - ASA/UESA	C/CPFF	Classified	5.661								5.661	5.661
Government Eng Spt	Various	Various	2.514								2.514	
Government Eng Spt	SS/CPFF	NGC, NY	2.301								2.301	2.301
Government Eng Spt - Air Missle/BLR	C/CPFF		1.020								1.020	1.020
Governemnt Eng Spt - SIAP	Various	Various	2.205	0.200	01/05	0.200	01/06	0.200	01/07	Continuing	Continuing	
Development Support	WX	NAWCWD, China Lake, CA	0.200								0.200	
Studies & Analyses - IPAD	C/CPFF		0.048								0.048	0.048
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
											0.000	
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											0.000	
											0.000	
Subtotal Support			89.527	1.273		0.605		0.400	D	Continuing	Continuing	
Remarks:												

CLASSIFICATION:

								DATE:				
Exhibit R-3 Cost Analysis (pag	e 2)									February 200)5	
APPROPRIATION/BUDGET ACTIVI	TY	PROGRAM E	LEMENT			PROJECT NU	IMBER AND N	IAME		•		
RDT&E, N / BA-7		0204152N, E-	2 Squadrons			0463, E-2C IM	IPROVEMEN	ΓS				
Cost Categories	Contract	Performing	Total		FY 05		FY 06		FY 07			
	Method	Activity &		FY 05	Award	FY 06	Award		Award	Cost to	Total	Target Value
	& Type	Location	Cost	Cost	Date	Cost	Date	1	Date	Complete	Cost	of Contract
Developmental T&E - Various	WX	NAWCAD, Pax River MD	92.580	1.639	11/04	0.400	11/05	0.229	11/06	Continuing	Continuing	
Operational T&E ACIS (PMS-440)	PD	NAVSEA	2.483								2.483	
Dev T&E	Various	Various	4.112								4.112	
Dev T&E MCU	WX/RX	PMRF, HI	1.500								1.500	
											0.000	
											0.000	
											0.000	
Subtotal T&E			100.675	1.639		0.400		0.229		Continuing	Continuing	
Contractor Engineering Support											0.000	
Government Engineering Support											0.000	
Program Management Support	WX/RX	NAWCAD, Pax River MD	1.968	0.628	11/04	0.500	11/05	0.500	11/06	Continuing	Continuing	
Travel	WX	NAWCAD, Pax River MD	0.197	0.060	11/04	0.050	11/05	0.050	11/06	Continuing	Continuing	
Transportation											0.000	
SBIR Assessment											0.000	
Subtotal Management			2.165	0.688		0.550		0.550		Continuing	Continuing	
Remarks:												
Total Cost			662.771	6.000		2.256		1.540		Continuing	Continuing	
Remarks:												

CLASSIFICATION:

EXHIBIT R4, Schedule	Profile)																							DATE	i:	F	ebrua	ary 20	05		
APPROPRIATION/BUDGET RDT&E, N /	ACTIV									SRAM I 52N, E				R AND	NAM								UMBE MPRO			1E	- '		,			
Fiscal Year		2	004			20	05			200	06			200	07			20	800			200	09			20	10			20	11	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Acquisition/T&E Milestones																																
MSI PH I		F	QT Ph	I			0	eploy																								
AODS	Develop	IPAD	S&T_D		F	QT on to 2K		Deploy				Interim	S/W to	o AHE																		
ABC2	HF	SIPR	NET Fle	<u> </u>			man S	aber	Trider	t Warr		JE	FX 06	erm D	onlov I	JENY			Tra	nsititio o AHE	n											
MSI PH II		1	JITEX T	<u> </u>	1	1				JIF	<u> </u>		111	eiiii D	epiloy r	IEZK	FQT															
SIAP BIK 0			<u> </u> 	<u> </u>	<u> </u>		Dep	loy HE	2K																							
Production Milestones																																
LRIP I																																
LRIPII																																
FRP																																
Deliveries																																

^{*} Not required for Budget Activities 1, 2, 3, and 6

CLASSIFICATION:

Exhibit R-4a, Schedule Detail	DATE: February 2005									
APPROPRIATION/BUDGET ACTIVITY	PROJECT NU									
RDT&BA-7	0204152N, E-	2 SQUADRON	S	0463, E-2C IMPROVEMENTS						
Schedule Profile	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		
MSI PH I FQT	2Q - 4Q									
MSI PH I Deploy		4Q								
AODS S&T Demo	3Q									
AODS FQT	4Q	1Q - 4Q								
AODS Deploy		4Q								
AODS Interim S/W to AHE			4Q							
IPAD Development	1Q - 3Q									
IPAD S&T Demo	3Q									
IPAD Transition to AHE/HE2K	4Q									
ABC2 Development	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q						
ABC2 HF SIPRNET Fleet Prototype		1Q								
ABC2 Talisman Saber		3Q								
ABC2 Trident Warrior			1Q							
ABC2 JEFX			4Q							
MSI PH II FQT	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q						
MSI PH II JTFX	3Q		3Q							
MSI Ph II Interm Deploy HE2K				3Q						
MSI PH II Transition to AHE										
SIAP Blk 0	1Q - 4Q	1Q-4Q								
SIAP Blk 0 Deploy HE2K		4Q								

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